Tyler Whitney

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KEY SKILLS

Proficient with a vast array of programming languages, concepts, and technologies, including:

➤ Systems Admin & Infrastructure Design	➤ HTML5, CSS3, JavaScript, jQuery	➤ Windows, Linux, Mac
➤ Cloud Computing & Architecture	➤ PHP, Symfony, Perl, Python, Ruby, Rails	➤ MSSQL, Postgres, MySQL, Oracle
➤ CompTIA A+, Security+, Cloud+	➤ Canvas, Moodle, Brightspace	➤ AWS Cloud Certifications

EDUCATION

- **January 2010 to May 2012 –** Master of Science in Computer Information Systems
  Boston University; Boston, MA
- **March 2010 to October 2010 –** Master of Science in Managing Innovation and Information Technology
  Champlain College; Burlington, VT – *Transferred to BU*
- **2005 to 2009 –** Bachelor of Science in Information Technology – *Minor in Anthropology*
  Plattsburgh State University; Plattsburgh, NY
- **2000 to 2005** – Regents Advanced Diploma
  Saranac Central High School; Saranac, NY

PROFESSIONAL EXPERIENCE

Franklin University   **May 2019 – Present**
Community College of Vermont   **August 2014 – Present**
Adjunct Faculty in Computer Information Systems, Information Security & Web Development

- See Appendix A for courses taught and activities

State University of New York at Plattsburgh   **September 2013 – Present**
Coordinator – Enterprise Systems and Solutions in Information Technology Services

- Oversee the Enterprise Systems and Solutions ITS unit and guide the team of system administrators and programmers
- Manage and assist in the integration and configuration of enterprise systems, services, and applications
- Provided tier 3 level of support for advanced computing systems, services, and applications
- Write code for utility scripts, web-based applications, and integration pieces to aid in management of backend applications
- Coordinate the campus roll-out of applications, including notifications and documentation
- Maintain and support various Linux and Windows servers supporting campus services and applications
- Directly supervise a Web Developer and managed the technical operations of the campus website and web-based services
- Directly supervise other programmer/analyst lines who managed various systems, services, and applications

O.A.F. Productions   **November 2012 – September 2013**
Web Developer/Systems Administrator/Consultant (Owner)

- Website design and development, maintenance, and CMS setup and management in Wordpress
- Programming, IT management, and consulting
- System administration and infrastructure design using cloud-based computing (e.g. Amazon Web Services, Microsoft Azure)

- Development of advanced web applications using PHP, JavaScript, MySQL, and Symfony and other PHP frameworks

bluehouseGroup   **August 2012 – November 2012**
Software Developer/Programmer

- Develop advanced web applications using PHP, JavaScript, MySQL; specializing in Symfony and other PHP frameworks
- Find and document bugs as well as troubleshoot and fix bugs in software written by the firm or third-party
- Maintain code versioning and maintain both internal and client-owned servers to optimize performance and run applications

New Spin 360, LLC   **December 2010 – August 2012**
Director of Systems Administration and Development
Developed advanced web applications that are mobile compatible, using PHP, JavaScript, MySQL, and various APIs and SDKs.

- Managed a remote team of developers, including project management, time management, and programming.
- Maintained, set up, supported, and troubleshooted Debian/Ubuntu-based Linux server systems (generally with LAMP setup).
- Managed cloud-based infrastructure on Amazon Web Services cloud provider (server instances and relational databases).
- Provided remote end-user support for executive staff as well as software and hardware support for larger clients.
- Managed email accounts, document accounts, users, permissions, and other system settings for Windows/Mac OS X workstations.
- Wrote RFPs for software proposals, engineered and designed software solutions, and selected firms and contractors for larger projects.
- Wrote software documentation, security and use policies for both clients and internal organizational use.

The University of Vermont – Residential Life   **June 2009 – December 2010**
IT Specialist and Web Applications Developer

- Developed advanced web applications using PHP, JavaScript, MySQL, Oracle, and APIs and SDKs
- Documented applications and provided training (video tutorials, workshops, blog etc.) for applications and general computing
- Configured and set up workstations for staff and maintained computer system hardware and software
- Maintained a computer upgrade schedule for staff and managed hardware and software purchases and inventory
- Chaired the Advocacy and Policy Review committee from August 2010 to December 2010

State University of New York at Plattsburgh   **January 2006 to May 2009**
Helpdesk/ResNet Student Computer Support Technician

- Provided phone support to faculty, staff, and students for software and hardware questions and problems
- Repaired and troubleshooted hardware and software problems both on-site and remotely
- Troubleshot network connectivity issues and outages
- Configured and set up faculty and staff workstations and collaborated to maintain a computer upgrade schedule
- Designed and implemented basic web and custom email templates for departmental and staff use

CERTIFICATIONS
- AWS Certified Cloud Practitioner – Earned August 2020 – Renewed January 2024
- CompTIA Secure Cloud Professional (Security+ Certified Feb 2020) & (Cloud+ Certified Aug 2020) – Renewed February 2023
- AWS Certified Solutions Architect – Associate – Earned April 2021
- ITIL Foundation Certificate in IT Service Management – June 2015
- ImageNow Fundamentals for Administrators – December 2013
- AccessData Certified Examiner – Digital/Computing forensics certification – April 2012
- CompTIA A+ Certified IT Technician – August 2009

ACHIEVEMENTS
- Recognized for 10 years of teaching at the Community College of Vermont – August 2024
- SUNY CCIO Teamwork Award – Awarded to Computing Systems and Desktop Support group for the 2020 year
- SUNY Plattsburgh Upward Bound – Alumnus of the Year – August 2018
- UVM Residential Life Innovation Award – 2009-2010
- Academic Achievement in Computer Science Award (3.9 major GPA upon program completion) – May 2009
- SUNY Plattsburgh's Dean's List – Fall 2007 and Fall 2008

CONFERENCES
- Presented at the **SUNY ITEC Wizard Conference** - Syracuse, NY - November 2024
    - Inside iPaaS - Versatile Solutions for Modern IT and Beyond
    - Panelist at the TeamDynamix iPaaS "Birds of a Feather" presentation
- Presented at the **SUNY Technology Conference** – Lake Placid, NY – June 2024
    - Bridging Silos - Leveraging TeamDynamix iPaaS and Building Connectors for Automation at SUNY Plattsburgh
- Attended **SUNY Technology Conference** – Lake Placid, NY – June 2016, June 2018, June 2019
- Presented at **PrimeLink's 2016 Technology Showcase** – Plattsburgh,NY – April 2016
- Attended **Northeastern PHP Conference** – Boston, MA – August 2012 & August 2013
- Attended **Confoo Web Technology Conference** – Montreal, QC – February 2013
- Attended **ACUHO-I annual conference** – Austin, TX – University Housing IT – June 2010
- Attended and Staffed **Conference for Instructional Technology** hosted at SUNY Plattsburgh – 2007

COMMUNITY SERVICE
- **Ridge Runners Shooting Club in Champlain, NY** – Webmaster – January 2019 to Present
- **The Christmas Bureau for Clinton County, NY** – Webmaster – 2015 to Present
- **American Legion Post 0068 of Brandon, Mississippi** – Webmaster – 2011 to 2019
- **Wells Memorial Library of Upper Jay, NY** – Webmaster – 1998 to Present

OTHER RELEVANT WORK EXPERIENCE
- **SUNY Plattsburgh Student Association** – Webmaster – Spring 2008 and Fall 2008
- **The State University of New York Research Foundation** - Upward Bound at SUNY Plattsburgh – Webmaster – Spring 2008
- **O.A.F. Productions** – Part-Time – Web Development/Programming/System Administration – 2007 to Present

TEACHING

<u>**SUNY PLATTSBURGH**</u>

- **CSC 152 – Computer Security and Society**
  - Summer 2014 - Fall 2015

- **CSC 221L – Introduction to Programming Lab (Python)**
  Sever sections Spring 2014 - Spring 2019

- **CSC 231 – Programming Lab (Replaced 221L as a more extended lab period)**
  - 2 Sections Fall 2019

- **CSC 285 – Software Engineering Lab (Intermediate Python Projects)**
  - Fall 2018 - Spring 2019

- **CSC 309 – C Programming Language**
  - Spring 2019

- **CSC 310 – Perl**
  - Fall 2014 - Spring 2019

- **CSC 313 – High Level Programming Language**
  - 2 Sections Fall 2015 in PHP, Fall 2019 in JavaScript

- **CSC 320 – System Administration (Linux)**
  - Spring 2018

- **CSC 323 – System Administration Tools (Load Testing)**
  - Winter 2015 - Spring 2015

- **CSC 399 – Independent Study**
  - Programming in AutoIT – Summer 2014
  - PHP – Fall 2015

- **CSC 498 – Internship**
  - Site Supervisor and Faculty Sponsor with O.A.F. Productions **-** 1 Student Summer 2015
  - Faculty Sponsor with SUNY Plattsburgh Computing Helpdesk **-** 1 Student Fall 2015

- **Faculty Advisor for the Software Engineering club**
  - Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019

- **Faculty Advisor for Coding Hub club**
  - Spring 2019

COMMUNITY COLLEGE OF VERMONT

- **CIS 1100 – Introduction to Computer Science**
  - Spring 2023 – Present

- **CIS 1350 – Desktop Operating Systems**
  - Fall 2021 – Present

- **CIS 1450 – Foundations of Cloud Computing**
  - Spring 2020 – Present

- **CIS 2150 – Introduction to Linux**
  - Fall 2014 – Present

- **CIS 2152 – Intermediate Linux**
  - Spring 2017 – Spring 2019

- **CIS 2350 – Cloud Infrastructure and Services**
  - Spring 2024 – Present

- **CIS 2360 – Computer User Support**
  - Spring 2015 – Fall 2017

- **CIS 2460 – Cloud Computing Capstone**
  - Summer 2024 – Present

- **Serving on Technology Curriculum Committee**
  - Spring 2019 – Present

FRANKLIN UNIVERSITY

- **ISEC 400 – Software Development Security**
  - Spring 2020 – Present

- **MIS 425 - Low Code Application Development**
  - Fall 2024 – Present

- **WEBD 236 – Web Information Systems Programming**
  - Summer 2019 – Present