Kyle Silverman

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EDUCATION

University of Massachusetts Amherst   Amherst, MA
College of Information and Computer Sciences
Bachelor of Science in Computer Science   *Candidate*, *May 2020*
- Cumulative GPA: 3.33; Dean's List Fall 2016

SKILLS

Programming: Java, Scala, C/C++, Assembly, PHP, Perl, PowerShell, Bash, Shell
Web Development: HTML, CSS, JavaScript, jQuery, Ajax, Bootstrap
IT Management: Active Directory, SCCM, Google Admin, AWS, Okta, UniFi, Lansweeper, Zendesk, Xibo
Other: SQL, Git, Microsoft Office, TestComplete, Auto-It, Wireshark

EXPERIENCE

Affirmed Networks, Inc.   Acton, MA
Software Quality Assurance Engineering Intern   May *2018 – August 2018*
- Leveraged TestComplete to automate sanity and regression testing on test harness in source control environments
- Developed and created custom TestComplete framework and APIs in JavaScript along with configurable JSON files
- Automation testing included navigating Web UIs and controlled CLI environments with JavaScript, Bash, and Perl
- Presented TestComplete solution to QA and Dev teams and utilized feedback to create a better UI experience for management and future developers

Barton Associates, Inc.   Peabody, MA
Information Technology Infrastructure Intern   *May 2017 – August 2017; December 2017 – January 2018*
- Collaborated with key stakeholders in company to create sound architecture and presented new solutions to senior IT and executive management
- Derived and developed national digital signage solution across company and managed through SCCM that incorporated Domo with Zendesk and Xibo using Auto-It
- Developed IIS web application for clients in HTML, CSS, JavaScript, jQuery, Ajax, and PHP with Google OAuth
- Developed an employee form directory IIS web application comprised of new-hire, termination, and ECF protocols from Active Directory for parent company and subsidiary in HTML, CSS, JavaScript, jQuery, Ajax, PHP with LDAP, and PowerShell with OpenLDAP
- Responded to requests for technology support for over 800+ users across company

Town of Stoughton   Stoughton, MA
Information Technology Help Desk Intern   *September 2015 – May 2016*
- Applied skills and knowledge learned in previous A+ Certification courses
- Responded to requests for technology support from Stoughton District staff users
- Technology support - Server maintenance, computer and printer hardware repair, software repair to damaged disk drives

TheParkMC   Stoughton, MA
Co-Owner; Lead Developer   *September 2013 - January 2015*
- Managed 20 staff members including 6 developers for design and maintenance of server
- Created multiple high-end Minecraft Plugins for server
- Spearheaded server maintenance - Utilized and leveraged Linux screens to set-up server memory as executable run-time environments for custom Minecraft Plugins

ACTIVITIES

Stoughton High School Programming Club   *October 2015 – June 2016*
Co-Founder
- Co-Founded Stoughton High School's first computer programming club
- Created projects with Java for school and administration optimization, and presented to administration
- Led projects aimed to improve the well-being of the Stoughton High School students and faculty