Autumn Green

Somerville MA, 02143. 650-797-9375. me@queerlyautumn.com

Work Experience

Modest Progress LLC.
2022-current. **Consultant**

While taking a sabbatical, I took classes in mathematics and computer science and started a software business catering to individuals and communities. As part of that business, these were some paid projects.
- Provided software writing services and coached software engineers
- Built a web application for running a paperless LARP
- Automated the reporting of insights from Google Ads

Technologies: *Python, VueJS, Node, Tailwind, Typescript, Javascript, HTML/CSS, Google Cloud Platform*

Akamai Technologies
January 2015 – April 2022. **Senior Software Engineer II**, *Senior Software Engineer I, Software Engineer II*

Designed and built a list of full-stack web applications designed to assist the company. Examples include applications that:
- Track and analyze company risks
- Aggregate notifications across web apps
- Manage documentation and its review cycle for security audits
- Scrape security bulletins and identify applicability to company infrastructure

I also
- Identified and eliminated technical debt
- Mentored and trained coworkers
- Regularly ran knowledge transfer and skill development presentations
- Migrated our infrastructure to IaC principles allowing us to ship faster

Technologies: *Go, Ruby on Rails, JQuery, Bootstrap, MySQL, Docker, Ansible*

Tenable Network Security
March 2012 – January 2015. **Reverse Engineer, Vulnerability Research Engineer**

- Tech lead of integration with endpoint management systems, streamlining onboarding of new endpoint managers, bringing us to a competitive level of support.
- Developed plugins that retrieved system inventory and patch levels from IBM Endpoint Manager, allowing Tenable to remain competitive.
- Implemented portions of the MySQL protocol, allowing for more types of plugins to be written.
- Reverse engineered KACE K1000, and found several vulnerabilities Integrated Tenable with KACE K1000.

Technologies: *Python, SQL, Wireshark, OllyDbg, Linux, NASL, Tenable*

CIDC
August 2008 – March 2012. **Software Engineer**.

I worked with a team of developers to design, implement, and maintain new features in Everest Poker's affiliate marketing platform.

Technologies: *Javascript, HTML/CSS, SQL, Perl, Java, Oracle DB*

Cianaidan Systems Inc.
August 2007 – August 2008. **Software Engineer**

In the early days of AWS, I worked on building a service to distribute computation and ease the setup and management of compute grids.

Loomis Sayles Financial
Summers 2005 - 2007. Web Application Development Intern

- Patched an obfuscated JavaScript library, fixing a long stand bug
- Worked on their internal software for managing financial investments, preparing it for sale to third parties
- Researched new technologies to investigate potential benefit of adoption
- Developed a proposal that outlined the areas of improvement for a large legacy codebase

Technologies: *Javascript, HTML/CSS, Java*

Formal Education

2022-2023: Harvard Extension School
9/2014: Web Application Hacking: The OWASP Top 10 and Beyond, DerbyCon
9/2007 – 5/2008: University of Massachusetts Dartmouth; Dartmouth, MA.
Major: Computer Science

9/2005 – 5/2007: Cape Cod Community College; Barnstable, MA. Major: Liberal Arts
9/2001 - 6/2005: Upper Cape Cod Regional Technical School; Bourne, MA. Graduated:
Information Technology
Cisco Systems Networking Academy, A+, Microsoft Windows Server, and network engineering

Links

Github: https://github.com/chao-mu