George Matter VI

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Job Objective

I am a **Software Engineer** looking to pivot into **Information Security**. I am looking for an **Internship** in information security, or other opportunities to develop security sills, preferably with mentorship. I have experience working for **Educational Non-Profit Organizations**, and have developed software for both greenfield and legacy software systems.

Work Experience

Volunteer / Mentor
January 2015 - Ongoing

Evangelist / Organizer
June 2013 - Sept 2014

CodeDay
CodeDay is a nationwide beginner-oriented hackathon. I have been involved with CodeDay since 2012, in both managerial and operational capacities. I have hosted CodeDay events in Seattle and Portland, and assist with current events as a mentor. **I have experience guiding students in their own self-directed learning endevors, and in fostering excitement and self-confidence about computer technology.**

Webmaster
July 2014 - Ongoing

Member / Volunteer
April 2011 - Ongoing

The Vera Project
The Vera Project is a **non-profit**, **all-ages** music and arts education space in Seattle. Vera hosts public art shows, music performances, and **educational workshops**, and maintains music and art studios for its members. I am a voting member of the organization, regularly work shows, and manage the network hardware and technical aspects of the **Wordpress** website.

Software Engineer
July 2016 - March 2017

Software Engineering Intern
June 2015 - August 2015

Socrata
- Provisioned **AWS infrastructure** for 3rd-party appliance.
- Patched various systems to integrate with 3rd-party authentication service.
- Patched core back-end data storage systems.
- Integrated existing systems with Google Bigquery for **terabyte-scale datasets**.

Junior Software Engineer
Sept 2014 - March 2015

Intern (Architecture Team)
June 2015 - Sept 2014

Tune
- **Designed and built dev tools** for organization-wide transisition to ReactJS.
- Built a utility bot for the engineering team's chat system.
- Built frontend for new **authentication microservice**.

Skills

- Programming Languages: **Go**, **Javascript**, **Python**, **Bash**, **Java**, **Scala**, C#, C, Ruby, PHP
- Database Systems: **Postgres**, **Redis**, MongoDB, MySQL
- Service Deployment: **Amazon Web Services**, **Docker**, Consul, ZooKeeper
- Linux Server Management, perticularly **Debian** and Debian-based distributions
- Smartphone App Development: **Android** and Windows Phone

Education

Computer Science at **University of Washington**

Selected courses:

- **Grad-level Programming Languages**
- Compiler Construction
- Systems Programming

- **Computer Security**
- Machine Learning
- Computer Networking

- **Cryptography**
- Algrothm Analysis
- Complexity Theory