

Austin Solomon

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Objective

To obtain a software engineering or product management position that utilizes my technical strengths and experience to advance a development team.

I am looking for an opportunity to contribute in a dynamic, cooperative environment that demands developing both business and technical skill sets to deliver success.

Work Experience

ViaSat

Software Engineering Intern (June 2014 – September 2014)

- Utilized agile development to produce a tool suite that changed how ViaSat interacted with firewall traffic within cloud-based networks. Executing in production and open sourced through GitHub.
- Designed a web-based platform running on top of the application allowing engineers, network administrators, auditors, and legal representatives to retrieve the personalized information they needed quickly without a complete understanding of the entire, network topology.
- Successfully argued for tool's expansion against founders, engineering executives, and legal directors.
- Drastically reduced time required to audit cloud networks from 5 weeks to 5 minutes while maintaining original report's integrity and correcting for inconsistencies since the previous report.
- Required I teach myself the entire technology stack including Python, Git, SQL (MySQL), and Amazon's Elastic Compute Cloud/ Virtual Private Network.

California Institute of Telecommunications and Information Technology

Application Developer (September 2012 – May 2013)

- Promoted from assistant to lead developer in creating a campus-wide, mobile iOS application for the University of California, San Diego.
- Coordinated with multiple directors for differential access to the nutritional statistics in their databases in a successful effort to have the application adopted into a research study in Calit2.
- Worked with interface developers to create wireframe mockups that integrated with Obj-C backend.
- Demanded I teach myself Objective – C in the XCode Integrated Development Environment.

Education

University of California, San Diego GPA: 3.4

- Bachelor of Science in Computer Science from Jacob's School of Engineering
- Minor in Business from the Rady School of Management
- Team lead and client liaison for Global Teams in Engineering Service through Millennial Tech.
- Member/Tutor for The Homeless Charter, Enter the Matrix Course, Sigma Chi Fraternity.

Related Engineering Courses:

- Software Engineering (CSE 110)
- Advanced Data Structures (CSE 100)
- Design and Analysis of Algorithms (CSE 101)
- Computer Networks (CSE 123)

Related Business Courses:

- Organizational Leadership (MGT 164)
- Innovation to Market (MGT 121A)
- Product Marketing and Management (MGT 103)
- Global Business Strategy (MGT 112)

Technologies

Languages: Proficient- Java, C, C++, Python, SQL, Objective-C. Experience-HTML/CSS, JavaScript/JQuery
Systems/ Software: Unix, Linux, AWS, Git/GitHub/Bitbucket, Xcode, VMWare, Eclipse