

Vladimir Furman

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Objective

Seeking industry experience where I can make an impact.

Education

University Of California Santa Cruz

Degree: Bachelor of Science in Computer Science

Current GPA: 3.63

Date of Completion: June 2014

Professional Skills

Advanced: C, C++

Intermediate: C#, XML, Java, Perl, Unix, Windows

Beginner: Assembly, SolidWorks

Engineering Experience

Microsoft Intern: Software Development Engineer in Test (June - August 2013)

- Worked with C# and XML
- Developed AERS system for multi-versioned testing of products

Teaching Assistant/Tutor/Grader at UC Santa Cruz (September 2013 – Present)

- Advanced C++ programming (taught by Ira Pohl): led discussion sections and presented guest lecture on multithreading in the C++11 standard

Software Engineering Class (September – December 2013)

- Developed mobile application for student use as part of a team, using Agile Methodology

Mechatronics: Build and Design an Autonomous Robot (February – March 2013)

- <http://goo.gl/0S27C> Project details and photographs
- Robot that autonomously navigates a field and attacks the enemy robot
- Coded robot state machine (determines robot actions) in C

Operating Systems Course (received A) (Winter 2014)

- Wrote a shell and modified the MINIX OS to add lottery scheduling, binary page memory allocation, and in-place file encryption

Mechatronics and Operating Systems were difficult courses that I enjoyed. These courses provided me with experience working with a team on a real system.

Research

- Assisting Alex Nelson, a graduate student, with modifying fiwalk/sleuthkit to gather more data on file systems.
- Thesis paper on the C++11 standard, led by Ira Pohl.