

# 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: 3.46

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

## 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.

## Languages

English: native – Russian: fluent – German: conversational