ADITHYA SRINIVASAN
3B SOFTWARE ENGINEERING
a4sriniv@uwaterloo.ca - github.com/a4sriniv

Extremely passionate learner, eager to use different technologies and work on challenging projects.

EDUCATION

Candidate for Bachelor in Software Engineering, University of Waterloo   Sept 2011 - Present
- Cumulative average of 93.8% - Term Dean's Honours List (Winter 2014)
- First In Class Scholarship (Spring 2013), AMD Engineering Scholarship (2012)

Relevant Projects:
- Worked on a real time OS written in C. Part of a four-person team.
- Wrote a game (resembling Fruit Ninja) using Java Swing and later ported it to Android.

WORK EXPERIENCE

Google – Software Engineering Intern, Mountain View, CA   May 2014 - Aug 2014
- Worked on a system to track A/B Experiments with the Gmail SRE (Site Reliability) team.
- Wrote frontend and backend servers in Python, and a client side JavaScript application.
- Worked with Python, AppEngine, JavaScript, AngularJS, Google Closure, HTML and CSS.

PDT Partners LLC - Programming Intern, New York, NY   Sept 2013 - Dec 2013
- Worked on the development of C++ libraries supporting algorithmic trading systems.
- Gained valuable experience with C++ and software engineering.
- Worked with Perl, Python and Perforce.

BlackBerry - Embedded Systems Software Developer, Waterloo, ON   Jan 2013 - May 2013
- Worked on proof of concept applications (written in C) that connected a Blackberry device to external devices like a PlayStation Controller and a "Mobile thermal printer" via the USB stack.
- Fixed speed and memory usage issues concerning a Linux USB driver (Reduced CPU usage from 80% to 9%).
- Wrote a Python HTTP Server to automate USB tests.

Sybase Canada Ltd. - Jr. Software Developer, Waterloo, ON   May 2012 - Aug 2012
- Worked on the installer team for Sybase IQ.
- Exposure to the Unix Environment, Automated Builds, Bash and IBM ClearCase.
- Wrote scripts to upgrade different subcomponent installers and worked with InstallAnywhere.

SKILLS
Programming Languages: C++, C, Python, JavaScript (AngularJS, Google Closure), Java, Perl, Bash.
Revision Control: Perforce, Git, Subversion, ClearCase

VOLUNTEER EXPERIENCE
EWB - Engineers Without Borders, Waterloo Chapter   Sept 2011 - Jan 2012
- In-charge of social media, i.e. promoting the chapter's activities and charity events through Facebook and Twitter.