Christopher Sheahan

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Education

The University of Texas at Austin   Expected Graduation Date: May 2016
B.S. in Computer Science   Overall GPA: 3.76/4.00

Work Experience

Microsoft
Xbox Live Social Services Intern   May 2015 - August 2015
- As a member of the activity feed team, wrote services to provide backend functionality for web links including web link posts and a tool for getting a short description and main photo of a webpage for a preview.
- Extended an internal node.js application to provide easy and extensible testing of new activity feed features.

Bazaarvoice
R&D Firebird TSF Intern   June 2014 - December 2014
- Created a npm installable node.js module to interface with various internal APIs within Bazaarvoice with the purpose of data collection and aggregation. Also set up automated tasks such as linting, unit testing, and documentation via gulp.
- Worked on tickets concerning tools, support, and frameworks on the Firebird product, a full stack JavaScript application to collect and display ratings and reviews.
- Assisted in remaking a web interface for aggregating and displaying real time information and analytics for the Firebird product.

Qualcomm
QCT Linux EIP Intern   May 2013 – August 2013
- Added a diff tool to a web application using HTML, JavaScript, and PHP.
- Created a stress tester application that automates multimedia tests on all new Android phones and tablets.

Projects

Personal Projects, these and more on my github: https://github.com/csheahan
- HighLow NES - A homebrew NES game based on the card game High Low made using 6502 assembly. The project can be found here: https://github.com/csheahan/HighLow-NES
- Number Theory Problems - Various number theory problems solved using python connected to a tkinter GUI. The project can be found here: https://github.com/csheahan/NumberTheoryProblems
- Posture Reminder - A cross-platform python application that sends non-intrusive desktop toast messages to remind you to fix your posture. The project can be found here: https://github.com/csheahan/PostureReminder
- nesPaint - A simple java GUI paint application which decodes chr sprite files and allows for fast creation of NES style backgrounds. The project can be found here: https://github.com/csheahan/nesPaint
- Website – A website showing expanded information of my course work and personal projects. Built using Jade/Pug to reduce redundancy and increase readability. http://www.csheahan.com

Skills

Programming Languages: Experienced in Java. Moderate experience with C#, JavaScript, node.js, C. Some experience with Python.
Some experience with Android development, Jenkins, and TeamCity.

Leadership and Achievements

Treasurer of ACM   May 2013 - May 2015
- Managed over $36,000 in sponsorship money, membership dues, and raised money over two years
- Restarted ACM's competitive programming program, including: budgeting and running biweekly contests, designing the front end of an in house auto judger program, and providing prizes and food to contestants.

Activities

ACM – Association for Computing Machinery   August 2012 – Present
Longhorn Lockpicking Club   March 2013 – May 2014

Interests

- The concepts and illusions of physical, virtual, and theoretical securities
- Software development
- The training and maintenance of the human mind and body