

Charles D. Crawford III

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SKILLS

<u>Languages(proficient):</u>	C, C#, Java, Javascript, Python, Ruby, SQL, HTML, CSS
<u>Languages(familiar):</u>	Lua, Scala, MIPS 32, x86
<u>Software, Tools, and Misc:</u>	Vim, Eclipse, Nginx, Docker, Git, Rails, Rake, SASS, TDD/BDD, React, Fish, Bash, GDB, Valgrind, Rake, Make, Fl Studio, Packer, Chef CM, L ^A T _E X

EXPERIENCE

Director Of Marketing, Hack The People, Seattle, WA April 2015 - Present

- Oversee company blog and newsletter
- Drive brand awareness
- Develop partnerships

Lead Instructor, Code Fellows, Seattle, WA Jan 2015 - Present

- Instructor For the Foundations II: Ruby course
- Received 100 percent net promoter rating for the ruby course
- Instructor For the Foundations II: Javascript course
- Instructor For the Unix and Git workshop
- Wrote a companion book for the Unix and Git workshop
- Mentor for outgoing students

Technical Evangelism Consultant, Shippable, Seattle, WA Dec 2014 - Present

- Primary author of the company blog blog.shippable.com/
- Help blog achieve over 3,000 unique hits per month
- Regularly create sample code of new features at github.com/Shippablesamples
- Solution architect
- Collaborated on RESTful API design for our public API
- Documented API and other features
- Increased site traffic by over 300 percent within three months

Software Development Engineer, Amazon.com, Seattle, WA Sept 2013 - February 2015

- Created, tested, maintained, and deployed software to customers
- Worked with all aspects of product: Development, QA, Testing, Deployment, Customer issues
- Individually responsible for major features such as Java 7 Python 2.7, and Ruby 2.0 availability
- Worked in a Unix development environment with several technology stacks (Java, PHP, Node.js, Python, and Ruby)
- Author of the AWS Elastic Beanstalk Ruby 2 Puma container
- Documented new product features and cross team work experience (worked full time with another team for one month)
- Published writer for the AWS Application Management blog
- Help with product direction for the Ruby/Rails container by researching community standards/development

Research Programmer, Office of Naval Research, Tucson, AZ Sept 2012 - Sept 2013

- Worked on Netvue, a real time visualization system: netvue.cs.arizona.edu/index.html
- Ported .NET networking protocols to the JVM with Scala
- Implemented quad tree data structures for network visualization
- Converted data structure library from C to the new C# and .NET based architecture

Software Engineer Intern, Honeywell Aerospace, Tucson, AZ Aug 2012 - Sept 2012

- Worked on a Make like tool to resolve and evaluate project dependencies.
- Created a Python web scraping tool that built an Excel sheet from the data

Assistant Head Programmer, Valiant Horizons, Riverside, CA Aug 2011 - Sept 2012

- One of the head developers for the C# based game and website
- Trained incoming developers

Co-Founder, RAN Consulting, Phoenix, AZ

Aug 2011 - Aug 2013

- IT and web design consulting
- Designed and maintained the company website
- Formulated our services and fees
- Marketed the company in the Phoenix and Tucson area
- Hired and evaluated the abilities of incoming employees

EDUCATION

- B.S. in Computer Science Honors, University of Arizona, Tucson, AZ
- 3.8 Magna Cum Laude.
- Thesis: Adjusting Poker AI based on Opponent Strategy

HONORS AND COMMUNITY INVOLVEMENT

- Contributor to various open source projects on Github
- Theta Tau Professional Engineering Fraternity
- Omicron Delta Kappa National Leadership Honor Society
- Phi Eta Sigma and Golden Key Honors Societies
- Zipperman Scholar
- Arizona Assurance Scholar
- Xerocraft and CreatIT Volunteer Programming Instructor