

Liam Howell

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SKILLS

PROGRAMMING

Go • Python • Typescript • Java/C#
OCaml • Bash • TensorFlow • Vim
CI/CD • Docker • k8s • \LaTeX

EDUCATION

SELF TAUGHT

PROGRAMMING CURRICULUM

Clean Code (Prentice Hall)
Concurrency in Practice (Addison Wesley)

Effective Java (Addison Wesley)
Python Cookbook (O'Reilly)
Teach Yourself PHP, MySQL, and Apache (SAMS)
Pro Javascript Techniques (Apress)
Beginning Haskell (Apress)
The Functional Approach to Programming (Cambridge)

OTHER LANGUAGES AND TECHNOLOGIES

UNIX
The Zen of CSS Design (New Riders)
Teach Yourself XML (SAMS)
git documentation
Spring documentation
Harnessing Hibernate (O'Reilly)
RESTful Web Services (O'Reilly)

COURSERA

CRYPTOGRAPHY I
2014 | Online

HARVARD EXTENSION

COMPUTER SCIENCE
2011-2012 | Online (Graduate-level)
Data Structures
Communication Protocols and Internet Architectures
Java for Distributed Computing
Abstraction and Design in Computation

STETSON UNIVERSITY

GENERAL BUSINESS
2007-2010 | DeLand, FL

EXPERIENCE

SYMBIONT.IO (SOFTWARE ENGINEER)

Nov 2017 – Current | New York, NY

- Wrote smart contracts for private equity, mortgage servicing, and forex.
- Added migration capability to the BFT consensus network layer of the Symbiont distributed ledger.
- Wrote and contributed to internal tooling and external SDK.
- Published CircleCI orbs for simplified CI configs across the organization.
- Wore different hats like architecture, frontend, backend, infrastructure, QA, and project management in a flat organization.

SEEDINVEST (SOFTWARE ENGINEER)

Sept 2016 – Sept 2017 | New York, NY

- Led redevelopment of the application flow for raising capital.
- Wrote reusable Angularjs modules to save development time across the platform.
- Cut page load times significantly by caching targeted bottlenecks.
- High satisfaction metrics when interacting with founders and investors.

MOBIQUITY (WEB DEVELOPER)

July 2014 – August 2016 | Gainesville, FL

- Built a voice-controlled website backed by Alexa that walks you through a recipe while keeping your hands free.
- Worked on the websites for Fortune 500 companies including CVS and Pfizer.
- Improved page load time by 12% by compressing images into a spritesheet.

FERAPOD (SOFTWARE ENGINEER & FOUNDER)

February 2009 – July 2014 | Gainesville, FL

- Created proprietary encryption protocols leveraging AES and Diffie-Hellman.
- Implementation and infrastructure; managed subcontractors for design.

PROJECTS

LT TOOLTIP

<https://github.com/liamitus/lt.tooltip>

Open source Angular.js module to add customizable tooltips to a website.

CERTIFICATIONS

AWS

Certified Solutions Architect - Associate Level

ACTIVITIES & INTERESTS

Cooking • Jogging • Yoga • Gaming
Art • Literature • Theater • Computers (of course)