

Elliot Shohet

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EDUCATION

University of California, Davis

September 2012 - June 2017

- Bachelor of Science in Computer Science, 3.0/4.0 GPA

SKILL SET

Languages & Scripts

Advanced: PHP, HTML/XHTML, Javascript/Node.js, SQL, Solidity

Intermediate: Python, Java, C++, CSS

Development Tools

Git, Grunt, XDebug, PHPUnit, Bower, Composer, Docker, NPM

Databases & Datastores

MySQL, NoSQL, Redis, Memcache, Mongo

Networking

TCP, UDP, IP, HTTP, HTTPS, SPDY, SSL, WebSockets, AJAX, P2P

Platforms

Google App Engine, Amazon Web Services, Heroku, DigitalOcean

WORK & PROJECT EXPERIENCE

Software Engineering Intern at Ooma Inc

June 2017 - Current

- Ooma is a publically traded company that provides voice over ip and home security products

Co-Founder & CTO of Fyt.io

January 2016 - June 2016

- Fyt.io is a company dedicated to making it easier to be healthy. Fyt provides an app and a scale that uses machine learning to classify the food you've weighed to save you time
- Founded a team of 8 - 3 electrical engineers, 2 business leaders, 1 machine learning expert, and 2 software engineers
- Coordinated with team to produce business materials necessary to enter fundraising competitions, a working physical prototype that added bluetooth functionality to a scale, and a convolution neural network to classify simple foods using tensorflow

Machine Learning and Doodle Jump

September 2015 - December 2015

- Publically available at <https://github.com/eshohet/doodle-jump-machine-learning>
- Led a team of 11 others consisting of undergraduate, graduate, and PhD students from UC Davis
- Implemented a variant of Q Learning, a machine learning algorithm, to the HTML5 implementation of Doodle Jump and achieved scores of over 20,000 with only a few hours of training
- Published a 12 page technical paper

Software Engineering Intern at Weebly

June 2015 - September 2015

- Created a metaprogramming algorithm that analyzed Weebly's api server code and automatically wrote client libraries in PHP, Java, Node, Scala, Python, C++, Objective-C, Perl, Flash, Dart, C#, Swift, and Ruby.
- Programmed several endpoints, and built tools to automatically run comprehensive sanity checks, for Weebly's App Center / Carbon's RESTful API

Co-founder & CTO of ShrinkOnce Incorporated

July 2012 - July 2014

- Developed a proprietary machine learning algorithm that increased landing conversions by 650%
- Managed over 5,000 active independent contractors from all around the world
- Hypothesized, validated, and implemented an innovative programming design pattern that reduced bandwidth costs by 99.03%
- Reduced the spawn time of a new webserver instance by 97.33% by creating a heavily optimized EC2 image