



# MAX AUBAIN, PH.D.

## FULL STACK DEVELOPER

Project management • Start-up leadership • Client satisfaction

### PERSONAL

- I am a web developer with 10+ years experience in emerging technologies.
- I have a proven record in start-up environments and excel at prototyping engineering products.
- I enjoy working with a motivated team.

### CONTACT

- Boston, MA
- maxaubain@protonmail.com
- <https://www.linkedin.com/in/maxaubain/>
- <https://www.maxaubain.com/>

### PROGRAMMING

#### Scripting

- Ruby
- JavaScript
- MATLAB

#### Data Science

- R
- SQL

#### Markup

- HTML5
- CSS3
- Markdown
- HAML
- LaTeX

#### Visual "Language"

- LabVIEW

### EDUCATION

- **Ph.D. Materials Science and Engineering**  
University of California, San Diego, California, USA, 2013
- **B.S. Materials Science and Engineering**  
Cornell University, New York, USA, 2007
- **Full-Stack Developer Bootcamp**  
Craft Academy, Stockholm, Sweden, 2019
- **Leadership and Teamwork Program**  
University of California, San Diego, California, USA, 2015
- **U.S. Patent Agent, Registration No. 77,295**  
Practicing Law Institute (PLI) Independent Study, USA, 2018

### SKILLS, TOOLS & TECHNOLOGY

#### Skills

- Agile / Scrum
- Technical project management
- Executive reports
- Leadership and mentorship
- Personally driven and team oriented
- Emergent technology researcher

#### Tools & Technology

##### Web development

###### Back end

- Ruby on Rails, Node.js, PostgreSQL

###### Front end

- ReactJS, HTML5, CSS3

###### UI CDN

- Semantic UI, Material UI

###### Testing

- Cypress, Enzyme, Cucumber, Rspec

###### Deployment

- Netlify, Heroku

###### Version Control

- Github

###### Continuous deployment / integration

- SemaphoreCI, Coveralls

##### Sprint planning

- Jira, Pivotal Tracker, Gantt, Asana

##### Development Frameworks

- CORS
- MVC
- TDD, BDD

#### Link to App Portfolio

##### Microsoft

- Visio
- Power Point
- Excel
- OneNote
- Sharepoint

##### OS

- Mac, Linux, Windows

# WORK EXPERIENCE

---

## FULL STACK DEVELOPER

MAY 2019 - CURRENT

- Finished in top of class at Craft Academy boot camp.
- Received full time offer at [Sellpy](#) in Stockholm that I unfortunately had to decline due to an emergency move for family medical care.

## PATENT AGENT

### Daylight Law P.C.

APR 2018 - JAN 2019

- Rapidly developed fluency in a diverse range of developing technologies, including automated machinery, data encryption, point-of-sale systems, AI machine learning, security and surveillance, image processing, and microwave devices.
- Drafted patent applications and responses to Office Actions; performed docketing; and interviewed inventors.

## SENIOR DESIGN ENGINEER AND PROJECT MANAGER

### Qualcomm, Inc.

OCT 2015 - JAN 2016

### Silanna Semiconductor

APR 2013 - APR 2017

### IO Semiconductor

MAR 2011 - APR 2013

- Managed technical projects with contributors over multiple international teams (Finland, Netherlands, Taiwan) to complete and deliver on-time requirements for 30 distinct chipsets in RF and power converter markets, worth ~\$22 million in sales.
- As technical Project Lead, produced and delivered executive reports to VPs and Principal Engineers.
- Hired in group of first five employees of RF technology start-up company that produced chipsets, now used in today's Apple and Samsung smartphones.

## LAB INSTRUCTOR

### University of California, San Diego

SEP 2007 - MAR 2011

- Awarded "Excellence in Teaching" recognition.
- Taught and graded lab reports for up to 120 students per quarter.