



MAX AUBAIN

FULL STACK DEVELOPER

PERSONAL

I am a web developer with a uniquely synergistic education and work history; I have a proven record in startup environments and excel at prototyping engineering products; and I enjoy working with a motivated team.

CONTACT

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PROGRAMMING

Scripting

- Ruby
- JavaScript
- MATLAB

Markup

- HTML5
- CSS3
- Markdown
- HAML
- LaTeX

Data Science

- R
- SQL

Visual "Language"

- LabVIEW

EDUCATION

- **Full-Stack Developer Bootcamp**
Craft Academy, Stockholm, Sweden, 2019
- **U.S. Patent Agent, Registration No. 77,295**
Practicing Law Institute (PLI) Independent Study, USA, 2018
- **Leadership and Teamwork Program**
University of California, San Diego, California, USA, 2015
- **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

SKILLS, TOOLS & TECH

Skills

- Agile development & Scrum
- Project management - remote / international
- Executive reports and presentations
- Trained in leadership and mentorship
- Independently driven and team oriented
- Emergent technology researcher

Tools & Tech

Web development

Front end

- ReactJS, HTML5

Back end

- Ruby on Rails, Node.js

Testing

- Cypress, Enzyme, Cucumber, Rspec

Deployment

- Netlify, Heroku

Version Control

- Github

Continuous deployment / integration

- SemaphoreCI, Coveralls

User Interface

- Semantic UI, Material UI, CSS3

Sprint planning

- Atlassian/Jira
- Pivotal Tracker, Gantt, Asana

Microsoft

- Visio
- Power Point
- Excel
- OneNote
- Sharepoint

OS

- Mac, Linux, Windows

Development Frameworks

- CORS
- MVC
- TDD, BDD

WORK EXPERIENCE

FULL STACK DEVELOPER

MAY 2019 - CURRENT

- Completed in top of class at Craft Academy boot camp.
- Received full time offer at [Sellpy.se](https://sellpy.se) in Stockholm, however had to decline due to moving for emergency family illness.
- Ongoing development projects.

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.
- Technical project Lead responsible for generating and delivering intricate analyses 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.
- Projects include thermal risk evaluation and mitigation, device testing automation, next-gen prototype development, and product specification drafting.

LAB INSTRUCTOR

University of California, San Diego

SEP 2007 - MAR 2011

- "Excellence in Teaching" award from Mechanical and Aerospace Engineering Department.
- Responsible for up to 120 students per quarter. Taught course sections for mechanical devices laboratory, thermodynamics, and heat transfer. Graded lab reports.