RANSOM BYERS

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SOFTWARE ENGINEER

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EDUCATION

Olin College | BS Engineering: Sustainable Design

Dev Bootcamp | 1000+ hour web development intensive

SOFTWARE PROJECTS

Tonite | **Full Stack Developer** | *Alexa skill for spontaneous outings* *Under Review* | Github
- Tech Stack: ASK, Echo Dot, Ruby, Rails 5, Eventful API, HTML, CSS, Travis-ci, CodeCov, Heroku
- Completed by a team of four in six days with 100% test coverage.

Human Food Machine | **Solo Project** | *Digital prototypes of vending machine* Live | Github
- Tech Stack: Ruby, Rails 5, JS, Jquery, CSS, HMTL, PubNub, USDA NDB API, Heroku
- Created novel interfaces to explore the art-commerce boundary.

BriteHub | **Product Manager** | *Connecting entrepreneurs and manufacturers* Live
- Tech Stack: Ruby, Rails 4, PostgreSQL, RSpec, Capybara, JS, CSS, HTML, SendGrid, Airbrake, Intercom, Autodesk Viewer API, AWS
- Shipped MVP for four major features while under severe resource constraints.

Type A Tracker | **Product Owner, Developer** | *Internal QA, Support, and MRP Tool*
- Tech Stack: Podio, Zapier, Google Docs, BASH, Linux Rooted Chromebooks
- Cobbled together a makeshift operations system on the fly, inspiring my interest in formal internal software tools teams.

BCE | **Project Manager, Quality Assurance** | *Mid-stream electronics efficiency rebate program* Report
- Tech Stack: Python, Django, JS, PostgreSQL, Selenium, HTML, CSS, Energy Star API, Linux, Apache, Rackspace
- Scoured and validated extremely messy data sources to maximize rebates and efficiency gains.

M2 | **Software Engineer** | *Bipedal walking robot*
- Tech Stack: C, Custom Hardware
- Refactored motor controls to use an abstracted virtual force model.

Yoink | **Full Stack Developer** | *Electrical tool tracking and parts inventory system*
- Tech Stack: PHP, CSS, HTML, MySQL, UPC Scanners, Linux, Apache
- Designed, built, and deployed full system by a team of two in under four weeks.

EXPERIENCE

BriteHub | **Contract Product Manager** 12/2015 - 09/2016 | Oakland, CA
- Introduced and implemented a weekly development cadence and product roadmap.
- Instituted a corporate mantra of the questions "What are our priorities?" and "Are we doing the things that would best further those priorities?"

Type A Machines | **Head of Manufacturing** 02/2013 - 02/2015 | San Leandro, CA
- Built tools and implemented new SOPs to bring Type A's operations from little more than a BOM spreadsheet and a purchasing email account to a full system for creating and checking Purchase Orders, documenting Shipping and Receiving, Quality Control, and Inventory Management.
- Supervised a team of nine technicians and engineers. Told on more than occasion that I was the "glue that held the company together."

Energy Solutions | **Project Manager** 09/2009 - 05/2012 | Oakland, CA
- Developed internal business processes for Software Quality Assurance and Operations.
- Wrote and championed an analysis and proposal for cost effective industrial compressed air efficiency regulation, which was adopted by the California Energy Commission as part of Title 24.