RANSOM BYERS

SOFTWARE ENGINEER

ransom.byers@gmail.com │ 510.290.3682

www.linkedin.com/in/ransombyers

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.