Madeleine Ewins

Systems Design Engineering

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EXPERIENCE

DevOps Engineer — Sept 2017 – Present
Omni — San Francisco, US

- Aligned engineering, growth, and warehouse teams on product timelines and goals by prioritizing bugs and features for Omni Rentals — members can rent items from the Omni community
- Extended API integration test suite (Node, Mocha, Should) to improve product stability, resulting in fewer bugs and more time for engineers to build features
- Iteratively built an agile bug tracking system, resulting in a 6x increase in bug turnover and 15% developer time savings

QA Test Engineer — Summer 2016
Omni — San Francisco, US

- Developed robust test plans and coordinated product releases with software engineers, product leads, and growth teams
- Performed detail-oriented manual and automated testing of iOS app, website, and API, which accelerated product releases by 3 weeks

Project Manager — Fall 2015
Freedom Brewery — Abbots Bromley, UK

- Coordinated 6 unique projects simultaneously, ranging from food quality and safety certification to sustainability
- Analyzed and proposed opportunities for implementing sustainability initiatives aimed at offsetting CO_2 emissions, and reducing energy consumption by 10%

Applications Engineer — Winter 2015
Product Manager — Summer 2014
Broadcom — Sunnyvale, US

- Created, optimized, and documented a technical demonstration to showcase at international IT and mobile conferences, to improve marketing engagement
- Iteratively gathered customer feedback on a beta product, and implemented improvements, while supporting the customer and debugging issues
- Performed industry research and competitive analysis on Broadcom's WLAN product portfolio, informing decision to pursue semiconductor chip development

Software Engineer — Fall 2013
Integration & Test Engineer — Winter 2013
Gridcentric Inc. — Toronto, CA

- Extended an automated test suite for an internal software backend feature to improve robustness and reliability of the test framework (Python)
- Repaired bugs for an OpenStack Cloud extension (C, Python) to improve VM boot time and memory efficiency
- Added cloud usage monitoring to a dashboard extension (Django, jQuery Flot)

Airbnb Host — 2013 – 2015
Independent — Toronto, CA

- Converted an apartment into a highly successful short-term rental on Airbnb (81% occupancy during tourist season)

SKILLS SUMMARY

- Diverse project management experience: extensive team leadership and collaboration
- **Languages**: Python, JavaScript, HTML, SQL
- **Tools**: Flask, Django, Heroku, Postgres, Node, Asana

PROJECTS

Consulting — 2017 – Present
Product Design & Engineering
Pro-bono consulting for small business in the initial product design phase

Do it for her — 2017 – Present
Frontend Dev
Chrome extension displaying a daily woman in STEM (in dev.)

Juno — 2016 – 2017
PM & Infrastructure & Algorithms
A chatbot designed to educate women about their sexual health

SnackAttack — 2016
Design & Frontend Dev
An IoT snack cupboard that unlocks when you hit your fitness goals

EDUCATION

BASc, Honours Systems Design Engineering (with Distinction)
University of Waterloo, 2017

Engineering Study Abroad
Lund University, 2016

AWARDS & ACHIEVEMENTS

3rd Place, CopenHacks, 2016
CES Broadcom Blog Squad, 2015
Winner, Broadcom Intern Hack, 2014

INTERESTS

rock climbing, knitting, people-watching