

LUKE WALSH

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PROFESSIONAL EXPERIENCE

FACEBOOK, MENLO PARK, CA & LONDON, UK

Product Manager, August 2015 – April 2018

- Empowered engineers to solve the most urgent problems, aligned cross-functional teams on roadmaps, and defined shared success with internal + external partners on 4 teams:
- Workplace: Built APIs to enable bots, authenticated previews, Group/account management
- Maps: Migrated maps infrastructure to programmatically suggest OpenStreetMap edits & worked with local mappers to kick off machine vision + FB crowdsourcing contributions
- Pages: Shipped configurable call-to-action buttons on Pages
- Profile: Removed 40+ features from Profile and simplified editing

COMRSE, SEATTLE, WA

Product Manager, August 2014 – December 2014

- Shipped a management system to automatically generate, target, and run ads from 1-click e-commerce catalog import
- Drove weekly feature development as a technical conduit between CEO, designer, and engineering team
- Coded a complete frontend re-architecture in ember.js while we were hiring a new UIE

MICROSOFT, BELLEVUE, WA

Program Manager Intern, May 2014 – August 2014

- Defined ship criteria and performed data analysis for various frontend product teams on Bing
- Quantitatively researched usage of existing features to drive product roadmaps
- Kicked off a market segmentation project that informed strategy for the following year

MIT LINCOLN LAB, LEXINGTON, MA

Software Engineer Intern, May 2013 – August 2013

- Improved algorithm speed for a passive radar detection system >100x to reach real-time
- Designed an embedded system to control an ADC system inside passive radar nodes

AIR FORCE INSTITUTE OF TECHNOLOGY, DAYTON, OH

Embedded Systems Engineer Intern, May 2012 – May 2013

- Implemented a general-purpose operating system for a satellite development platform
- Wrote a web control frontend for satellite control
- Instructed student design teams through shipping their satellite payloads

EDUCATION

PURDUE UNIVERSITY, WEST LAFAYETTE, IN

Bachelor of Science in Computer Engineering, minor in Economics

- GPA: 3.5
- Honors: Deans List, Honors Program, Presidential Scholarship, Engineering Scholarship

ADDITIONAL PROJECTS

- **Purdue Hackers:** Founded the club that organizes hundreds of hackers across disciplines
- **BoilerMake:** Ran UX on founding team for Purdue's hackathon with >\$100k in sponsorship
- **Sigma Tau Gamma:** Founding member of Purdue chapter, President, won top STG chapter
- **Purdue Autonomous Aerial Vehicle:** Hacked quadrotor to navigate indoors
- **Engineering Honors Program:** Mentored new students through their first year
- **BEST Robotics:** Built a robot to operate in fake factory, placed 17th out of ~500.
- **SocialLock:** Lock PCB, iOS App, & Linux hub for an open source retrofit smart-home concept
- **Toucan:** iOS app + base station for menus/ordering/payment via BLE
- **Course Butler:** Web app to notify students when seats open up in classes from scraping
- **Outfitly:** Web app for social outfit sharing & product tagging & shopping
- **Moments:** iOS app to share & uncover fading photos from visiting physical locations
- **Hometown Fireworks:** Managed seasonal tent for 3 years with >\$100k/yr in sales