LUKE WALSH

Austin, TX
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PROFESSIONAL EXPERIENCE

EXPONENT, REMOTE
Product Manager Coach, January 2019 – May 2021
- Taught product management skills covering product sense and execution
- Received 4.6/5 star rating with measurably higher job-placement for clients

FACEBOOK, LONDON, UK
Product Manager, January 2017 – April 2018
- Shipped the Workplace platform for bots, documents and Group management
- Launched features which caused a 400% increase in week/week engaged retention for Workplace
- Led feature development with marquee external partners: Microsoft, Google, Box, and Salesforce
- Started a new Workplace engineering team and implemented processes leading to success

FACEBOOK, MENLO PARK, CA
Product Manager, August 2015 – December 2016
- Migrated maps infrastructure to programmatically suggest OpenStreetMap edits & led local mappers to ship a system for machine vision OpenStreetMap contributions
- Shipped the configurable call-to-action buttons on Pages
- Removed 40 features from Profile and shipped a simplified editing flow across all Profile interfaces
- Selected for product manager training program that involved regular technical events & mentorship

COMRSE, SEATTLE, WA
Product Manager, August 2014 – December 2014
- Took a semester off school to work as the first product manager at a startup
- Shipped a management system to automatically generate, target, and run ads from 1-click e-commerce catalog import
- Designed a complete frontend re-architecture in ember.js

MICROSOFT, BELLEVUE, WA
Program Manager Intern, May 2014 – August 2014
- Defined ship criteria and performed data analysis for critical frontend product teams on Bing
- Quantitatively researched usage of existing Bing tests to drive the product development cycle
- Led a Bing market segmentation analysis that identified 3 major new feature investments

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 speed
- Designed an embedded system to control an analog to digital converter inside passive radar nodes

AIR FORCE INSTITUTE OF TECHNOLOGY, DAYTON, OH
Embedded Systems Engineer Intern, May 2012 – May 2013
- Developed two operating systems (C++, FreeRTOS) for a satellite architecture
- Designed embedded software to interface microcontroller with chip components
- Implemented a web interface for satellite command & control via radio
- Led Air Force master's student design teams through integrating their satellite payloads
- Selected to continue internship remotely during the school year

EDUCATION

PURDUE UNIVERSITY, WEST LAFAYETTE, IN
Bachelor of Science in Computer Engineering, minor in Economics, August 2011 – May 2015
GPA: 3.5, 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 the founding team for Purdue's hackathon with $100k in sponsorship
- **Sigma Tau Gamma:** Founding member of Purdue chapter, President, won chapter of the year
- **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
- **Toucan:** iOS app + base station for menus/ordering/payment via BLE
- **Course Butler:** Web app to notify students when seats open up in classes
- **Outfitly:** Web app for social outfit sharing, product tagging, and shopping
- **Moments:** iOS app to share photos in specific locations which faded over time
- **Hometown Fireworks:** Managed seasonal tent for 3 years with $100k/yr in sales
- **Y-Combinator Startup School:** Selected to interview for fundraising twice with prototypes