

Robert Olsthoorn

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Work Experience

Nextdoor / Software Engineer / Aug. 2018 – Present

- Worked on Real Estate with engineering team of seven driving over \$10m ARR
- Scoped and developed several key projects (10x in customer support efficiency, 1% churn reduction)
- Developed full-stack solutions leveraging React, Python, iOS and Elasticsearch
- Managed an intern responsible for critical path projects

Microsoft / Software Engineer Intern / Sep. – Nov. 2017

- Wrote a highly technical product spec to set expectations for new Intel chipset
- Developed windows kernel driver for DMA (Direct memory access), speeding up memcpy operations when zeroing out consecutive chunks of memory

Kleiner Perkins @ Nextdoor / Software Engineer Intern / May – Aug. 2017

- Selected as one of 52 KP Engineering Fellows out of 2500 students to represent Kleiner
- Developed Ad inventory forecasting tool, increasing booking inventory by 2x
- Leveraged backend Frameworks (Django, SQS and Redis), to create a scalable and testable inventory management pipeline

Microsoft / Explore Intern (PM and SWE) / May – Aug. 2016

- Drove product vision for efficiently sharing code and static analysis bug reports across the company
- Created VS Code extension to support Microsoft's new static analysis file format SARIF

Bartertown, LLC / Founder / May – Aug. 2015

- Accepted into local incubator, HackerHouse, where we built a social trading platform for a currency-free exchange of services and goods

Notable Projects

Razzle / DubHacks, Seattle, WA / Oct. 2017

- Awarded Most Creative Use of BlackRock API
- Used Amazon's Alexa to interface with private stock portfolio, execute trades, and provide financial insights by hooking into Robinhood's Private API and using BlackRock's financial API

PerfectPosture / BitwiseHacks, Tai Tam, Hong Kong / Feb. 2016

- Awarded best software hack
- Led development of MacOS application to automatically dim laptop screen based on back-posture detected by wearable

CheapSleep / Hackstart, Atlanta, GA / Jul. 2015

- Awarded Most Unique & Problem-Solving App
- Interviewed at <https://hypepotamus.com/people/lets-show-fl-sophomore-atls-tech-scene/>
- Created an alarm clock which donated to a chosen charity per snooze by creating an Android app using the (now deprecated) Venmo API.

Education

University of Florida, Honors Program

Bachelor of Science in Computer Engineering, Minor in Physics

- GPA: 3.67/4.0

Gainesville, FL

Aug. 2014 – May 2018

Hong Kong University of Science and Technology

School of Engineering

Clearwater Bay, Hong Kong

Feb. 2016 – May 2016