

# 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*