

Robert Olsthoorn

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Education

- **University of Florida, Honors Program** Gainesville, FL
Bachelor of Science in Computer Engineering, Minor in Physics *Aug. 2014 - May 2018*
 - GPA: 3.64/4.0
- **Hong Kong University of Science and Technology** Clearwater Bay, Hong Kong
School of Engineering *Feb. 2016 - May 2016*

Work Experience

- **Microsoft** Redmond, WA
Windows Core — Software Engineering Intern *Sep. 2017 - Nov. 2017*
 - Developing kernel driver to support new DMA chipset
- **Nextdoor — KPCB Engineering Fellow** San Francisco, CA
Monetization — Software Engineering Intern *May 2017 - Aug. 2017*
 - Developed Ad inventory forecasting tool for advertising operations team
 - Built Django APIs to route SQS messages through an ad inventory management pipeline
 - Wrote ad targeting evaluation test suite and redis cache update task
 - Selected as 1 of 52 Engineering Fellows out of 2500 applicants
- **Microsoft** Redmond, WA
Compiler and Language Platform — Explorer Intern *May 2016 - Aug. 2016*
 - Created VS Code extension to support static analysis tool file format SARIF using TypeScript.
 - Authored PowerShell script to rewrite URIs referencing commit-dependent source files hosted in GitHub.
 - Configured continuous integration platform, Appveyor, for static analysis tools supporting the SARIF standard.
 - Refactored aspects of the SARIF SDK to comply with quality standards.

Projects

- **PerfectPosture** Tai Tam, Hong Kong
Bitwise hacks: Awarded best software hack *Feb. 2016*
 - Led development of OS X application to automatically dim laptop screen based on back-posture.
 - Provided back-posture data through accelerometer on TI Launchpad implemented as a wearable.
- **CheapSleep** Atlanta, GA
Hackstart: Awarded prize for Most Unique & Problem-Solving App *Jul. 2015*
 - Created an alarm clock which donated to a chosen charity per snooze.
 - Implemented on the Android platform using the (deprecated) Venmo API.
- **Bartertown, LLC** Gainesville, FL
CTO & CoFounder *May 2015 - Aug. 2015*
 - Founded a social trading platform for the exchange of goods and services in Hackerhouse startup accelerator
 - Built real-time chat system, dynamic profile pages, push-to-git deployment infrastructure

Involvement

- (2017) Salsero in the Gator Salsa Club
- (2016) TA (Teaching Assistant) for CodePath Internship Preparation
- (2016) Assisted in organizing **hackUST**, Hong Kong's largest student-led hackathon.
- (2015) Competed in CodeJam, Bloomberg's Codecon, Ulticoder, etc as a member of the **UF Programming Team**.
- (2015) Held Treasurer executive board position of the **UF ACM chapter**.

Skills

Languages: Java, Javascript, C++, Python, SQL