

Robert Olsthoorn

<http://robertolsthoorn.com>

+1-561-866-4321

<https://linkedin.com/in/rolstenhouse>

rolsthoorn12@gmail.com

<https://github.com/rolstenhouse>

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