

Joshua Kahn

EDUCATION

The Ohio State University, Columbus, Ohio
B.S. Computer Science and Engineering, May 2018
Minor: Business

Overall GPA (4.00 scale): 3.835

Honors: Both Honors and Scholars programs
Dean's List (>3.5 GPA) 6 semesters
Tau Beta Pi Engineering Honors Society

Cornell University, Ithaca, New York
Computer Science 1110 and Microeconomics 1110, Summer 2012

Overall GPA (4.00 scale): 3.529

WORK EXPERIENCE

Google, Cambridge, MA

Software Engineering Intern, May – August, 2017

- Improved quality of local news as provided through Google Play Newsstand's mobile application and backend.
- Added new smart topics in the backend to intelligently aggregate and provide information for many types of search queries.

Google, Seattle, WA

Software Engineering Intern, May – August, 2016

- Worked on improving the scalability and performance of Google's open source Cloud Storage software, gsutil.
- Implemented POSIX attribute preservation when synchronizing and improved the rsync change detection algorithm.
- Added metadata validation for new object attributes required to implement these features.

Amazon, Seattle, WA

Software Development Engineer Intern, May – August, 2015

- Worked on the Human Resources business intelligence platform, migrated the system to use automated deployments.
- Wrote a candidate slotting optimization service from the ground up.

CellNetix Pathology and Laboratories, Seattle, WA

IT Intern, June – August, 2014

- Maintained the existing infrastructure and a member of the helpdesk.
- Performed server maintenance, fielded phone calls for technical help, and user desktop / hardware upgrades.

PROGRAMMING PROJECTS

Android Application Development, 2011 – Present

- Worked on a mobile Minecraft administration application (server side and mobile app) – over 1250 sold.
- Developed an Anti-TextSpamming mobile application – over 300 sold.
- Wrote a Bitcoin price monitor for Google Glass.
- Created a Raspberry Pi remote GPIO controller (server side and mobile app).

ByteTrader, 2014 – 2015

- Backend developer for ByteTrader, a Bitcoin/USD trader, providing an API for algorithmic trading.

CODING COMPETITIONS

American Statistical Association DataFest at The Ohio State University, April 2017

- Analyzed big data, developed a prediction engine to accurately determine customers' needs and wants.

Amazon Global Intern Hackathon, Summer 2015

- Second place team overall.

Cardinal Health Hackathon, November 2014

- Created an Android application and website with a team. The application crowdsources for the nearest individual trained in CPR or someone who possesses other medical training, in case of emergency.

OHI/O, Fall 2014, 2015

- 2015 – Created BlocParty, a game developed with a team that was released to the Google Play store.
- 2014 – Developed an Android application with a team. The application monitors traffic and weather data in order to set an alarm for the optimal time. In the top ten teams.

QUALIFICATIONS

- Java, C/C++, Python, MATLAB, Bash, Git.
- Computer and infrastructure maintenance, including assembly from parts.
- Linux/Windows/macOS systems.