

JOHN HO

ho.john2561@gmail.com | 267-467-1641
1319 Snyder Ave., Philadelphia, PA 19148

LinkedIn: <https://www.linkedin.com/in/hojohn2561/>
Personal Website: <https://hojohn2561.github.io/>

Education

Philadelphia, PA	Drexel University	Sept 2015 – June 2020
	<i>B.S. Computer Science, 3.82 GPA</i>	

Experience

App Developer Co-op	Comcast Corporation	Apr – Sept 2019
----------------------------	----------------------------	------------------------

- Designed and developed a Google Assistant prototype app so users could schedule customizable meetings with their team members using their voice
- Incorporated other APIs in Google's ecosystem (Dialogflow, Gmail, People, Calendar) in order to provide a more personalized experience for the user when interacting with the app
- Created a fully functioning mock-up of the app being integrated into Comcast's existing Ruby app

Software Engineering Co-op	Comcast Corporation	Apr – Sept 2018
-----------------------------------	----------------------------	------------------------

- Revamped the NGAN team's existing, but nonfunctioning, PCMS tool in order to automate the process of generating configuration files for vCMTS deployments, while improving its efficiency by 90%
- Developed and maintained the PCMS tool's front-end and back-end features while continuing to meet the rolling requirements discussed in meetings with the stakeholders

Programmer Analyst Co-op	University of Pennsylvania	Apr – Sept 2017
---------------------------------	-----------------------------------	------------------------

- Designed and developed an automated script to parse real-time technology usage data and converting it to a Munin graph, allowing developers to have a more targeted software development approach
- Performed penetration testing, regression testing, and usability testing on UPenn's WebLogin to ensure successful deployments to the production environment
- Led UPenn's effort to migrate from Cosign SSO to Shibboleth by automating the process of finding unused Cosign registrations and informing the corresponding service owners about the migration

Projects

Personal Project	TCG Assistant	Feb 2021 – Present
-------------------------	----------------------	---------------------------

- Architecting and developing a cross-platform mobile application that gives users complete control in tracking and expanding their trading card collections using React Native, Node.js, and Firebase
- Integrating TCGplayer's API to allow for a more satisfying and complete user experience by fetching data from one of the largest marketplaces for purchasing trading cards
- Developing an automated test suite using Jest

Software Developer	Chariot	Sept 2019 – June 2020
---------------------------	----------------	------------------------------

- Collaborated with four developers to build an IoT sensor framework prototype that allowed for the management of connected IoT devices, and visualization and storage of the collected IoT device data
- Architected an API with the back-end developers
- Designed and developed Chariot's UI using React and Electron

Technical Skills

Languages: HTML/JavaScript/CSS/Sass, Python, Java, C++, Bash

Frameworks & Libraries: ReactJS, React Native, Jest, Electron, AngularJS, Node.js, Django, Spring

Tools: Git, Jira, Gradle, Maven, Postman, Google Cloud Platform, Microsoft Office Suite