

Sunny Hong

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EDUCATION

Georgia Institute of Technology, Atlanta, GA

B.S. Computer Engineering

AUGUST 2012 - MAY 2017

EXPERIENCE

Panasonic Automotive, Peachtree City, GA

Electrical Engineer

OCTOBER 2017 - FEBRUARY 2019

- Performed failure analyses on automotive audio and navigation systems to meet customers' urgent needs
- Tracked, managed, and closed over 800 tickets per year on hardware issues, from both field-failures and manufacture failures
- Wrote test methodologies to find root causes in PCB and firmware level

Vaporware, Raleigh, NC

Software Development Apprentice

MAY 2016 - JULY 2016

- Developed and launched a business social network app on App Store, for 300 or more entrepreneurs in Raleigh area
- Created iOS app from scratch using Dropsources and Swift and completed Collections and Businesses pages

PROJECTS

Interactive Q and A game — React JS , Flask - Python

- Inspired by Jackbox.tv, built a Q & A game where users can guess who answered what, and later ranks the best guesser
- Powered by backend API with Python using Flask, front-end with React

Course Registration App — MySQL, Python

- Designed a database architecture using Entity relationship and Informational Flow Diagrams
- Implemented the GUI using Tkinter

CheckTrip — iOS Application

- Created a travel efficiency application based on TSA Wait Times API, FlightAware API, Google Places API, Uber API, to alert users to leave on time
- Placed 3rd place in Georgia Tech CIC Competition in 2016 Fall

SKILLS

Programming: Python, HTML, CSS, MySQL, JavaScript, Swift, C++

Framework: React JS

Tools: GitHub, AWS, Azure, Docker, WireShark

AWARDS

MHacks 2016 [3rd place]

Built a Google Glass Android application that assists non-verbal cues during conversations, to help people with autism

LANGUAGES

Native - English, Korean,
Basic - Japanese, Spanish

LEADERSHIP

Women in ECE Treasurer,
(2014-2016)

Maintained and oversaw budget of \$10,000 per year

Student Alumni Association
Member-At-Large International (2013- 2015)

Led a philanthropy event and gained 400 new students membership and raised funds of nearly 4000 dollars

