

SunnyHong

☎ 573-256-9849

✉ sunnyhong93@gmail.com

🌐 sunny-hong

🌐 hong123

Education

Georgia Institute of Technology

B.S. Computer Engineering

May 2017 Graduate

Achievements

MHacks Overall 3rd Spring 2016

GT Convergence Innovation Competition 2nd Place

Coursework

Data Structures

Algorithms

Relational Database

Computer Communications

Leadership

GT Women in ECE

Student Alumni Association

Journey Christian Fellowship

Freshman-Sophomore Council

Professional Experience

Software Development Intern **Vaporware, Inc (Summer 2016)**

- Worked in an Agile Environment on the iOS team with two developers
- Developed with XCode IDE, Swift language, and Dropsource web application
- Launched and managed Parkland iOS app on App Store
- Incorporated RESTful API and MVC development

Undergraduate Researcher **Inan Research Lab – ECE (Fall 2015)**

- Tested multimodal sensing system on GT Football players for joint rehab
- Wrote and ran MATLAB software script to filter dataset
- The research paper (led by Caitlin Teague) was accepted by IEEE Biomedical Engineering and featured by BBC World

Projects

CheckTrip **iOS Project for class (Fall 2016)**

- Led a travel efficiency mobile application to alert flight delays
- Integrated with TSA, Google Places, FlightAware, and Uber
- Developed with Google Firebase, iOS language Swift, Python, and Sketch

GT-Discounts App **Personal Project (Summer 2017)**

- Built a web application with Heroku and Postgresql to show student discounts around Georgia Tech
- Used GET/POST requests to enable users to add more retails

Relational Database App **CS 4400 Final Project (Fall 2016)**

- Used MySQL and Python 2 Tkinter to simulate a course registration application
- Created Entity Relationship Diagram and Informational Flow Diagram
- Wrote complex SQL queries to support the application

Skills

Technologies

- **Experienced With** Web & Mobile App Development \ Relational Database
- **Databases** MySQL \ PostgreSQL
- **Programming** C++ \ C \ Python \ Java \ JavaScript \ Swift \ HTML \ CSS
- **Operating Systems** Windows, MacOSX, Linux
- **Tooling** Atom IDE, Visual Studio, bash, git, npm, docker, wireshark
- **Hardware** Wearable devices \ Bluetooth \ WiFi \ Solder

Miscellaneous

- **Languages** Proficient in English and Korean & Basic in Japanese, Chinese, Spanish
- **Lifestyle** Ukulele, Guitar, Piano, Baking, Gaming