SALMAN FAKHRI

https://www.linkedin.com/in/salmanfakhri/
https://github.com/Salamander1012
salman.fakhri@rutgers.edu
856-426-1889

EDUCATION

Rutgers University/ Computer Science   SEPTEMBER 2017 - MAY 2021
Coursework: Intro to Computer Science (Fall 2017), Data Structures (Spring 2018), Visualizing Data to Tell a Story
Skills: Java, Javascript, Swift, Python, Git
Clubs: Undergraduate Student Alliance of Computer Scientists, Rutgers Mobile App Development Club, HackRU

PROJECTS

Location-Based Event Check-In iOS App/ HackRU   OCTOBER 2017 - PRESENT
- Learned **Swift** and built an **iOS App** that allows event organizers to create events based on their location and allows attendees to easily check into those events with the click of a button
- Used **Core Location** to create a **Geofence** around the event to keep track of users entering and leaving an event
- Built web app to show heat map of user location in a venue using the **MapBox SDK**

React Native To-Do List iOS App   JULY 2017 - SEPTEMBER 2017
- Learned the **Javascript** framework **React Native** and created a to-do list app for **iOS**
- Used **Firebase** for user authentication as well as storing all user data
- Used best practices for storing data, e.g. flattened data structures

Amazon Alexa Skill and Arduino Sensors/ PennApps   JANUARY 2017
- Set up the interaction model for an Alexa Skill to respond to temperature and people count requests
- Set up an **AWS Lambda** function, connected it to the Alexa Skill, and used **Javascript** to request data from a Thingspeak API, and collected data from an Arduino Uno with temperature and ultrasonic sensors

Chelper, Chemistry Helper Web App/ CodeDay Philadelphia   DECEMBER 2015
- Mainly worked with **Javascript** and used the **Wolfram Alpha API** to get chemistry data based on user requests
- Created a platform to help expedite the process of doing chemistry homework by having users query a chemical formula and using Wolfram Alpha to provide easy access to molar masses, balanced equations, and solubility rules
- Won **Best Hack** (1st out of 20 teams) at CodeDay Philadelphia

LEADERSHIP AND ACHIEVEMENTS

Vex Robotics World Championship, Division Semifinalist/ Louisville, KY   APRIL 2017
- World Championship Division Semifinalist (top 12 teams out of ~100, top 70 teams out of ~600)
- New Jersey State Champion (top 3 teams out of 128)
- Worked on 5 person team as main programmer, used sensors and programmed in **ROBOTC** to allow the robot to **autonomously** complete a task.

Co-Founder of CHE Hacks/ Cherry Hill, NJ   NOVEMBER 2016
- Co-founded South Jersey's **first and only** High School Hackathon at the Cherry Hill Public Library
- Hosted **150** student attendees from South Jersey, Philadelphia and New York
- Introduced **70+** students with no prior programming experience to computer science through workshops led by professionals in the local community

President of Cherry Hill East Computer Science Club/ Cherry Hill, NJ   SEPTEMBER 2017 - MAY 2017
- Mentored and guided **20+** students toward resources and projects to learn programming
- Organized trips to hackathons and programming competitions at nearby universities