SHIVAM PATEL
GEORGIA INSTITUTE OF TECHNOLOGY

Email: shivamp629@gmail.com **Mobile**: 678-472-9633 **Github**: https://github.com/Shivamp629
Citizenship: U.S Citizen **Website**: https://Shivamp629.github.io/
INTERNSHIP FOR SUMMER 2018

EDUCATION

Georgia Institute of Technology – Junior   Atlanta, Georgia

Candidate for Bachelor of Science in Computer Science   August 2015 – Fall 2018

GPA: 3.8

- **Related Coursework:** Data Structures and Algorithms, Database Systems, Data Manipulation for Science and Industry, User Interface Design, Probability & Statistics, Information Visualization, Agile /Version Control
- **Programming:** Python, SQL (MySQL, NoSQL), HTML/CSS, Java, PHP, JavaScript, C#, C (Current)
- **Standards/Frameworks/API:** Android SDK, Google Tango (Augmented Reality), JUnit, Angularjs, Google Maps API, Node.js, React.js, Express.js, MongoDB, RESTful web services, Windows Forms, Django, Git, Heroku, AWS, Google Firebase, Microsoft Azure, Azure Machine Learning

PROFESSIONAL EXPERIENCE

Dell Technologies Inc.   May 2017 – August 2017

Software Engineer Intern, Austin, TX

- Developed System Management Plugin for integrating VMware AirWatch into System Center in C#
- RESTful services, API Development, Database Integration (SQL Server), System Management (Registry Policies)
- Two-Person Project: My role was to develop the backend and functionality of the plugin. (SQL, RESTful, Data Structures and Algorithms, Quality Assurance Testing, Cloud Communication, WMI)

The Home Depot Technology, Inc. Innovation Lab   January 2017 – May 2017

R&D Associate Developer, Atlanta, GA

- Building Android Applications using Google Tango Technology/API for Augmented Reality projects
- Augmented Reality App, using Computer Vision, projects Home Depot appliances within households to determine volume and space requirements.
- Assisted in developing Internal-Company Training portal using React.js

United Parcel Service, Inc. (UPS)   May 2016 – August 2016

Software Developer Intern, Atlanta, GA

- *Main skills developed*: Python, MySQL, Algorithms Research
- My project was to simulate the UPS Ground Freight Network to better understand terminal capacity and provide a platform for scenario analysis. Thus, the model will produce results that represent how proposed UPGF Operational changes affected the overall network.
- I finished my project and was successfully able to model the entire UPGF Network and produced results that stated there were **saving opportunities of up to a $1,000,000.**
  - Presented these results to the Director of Transportation Analytics and Vice President of Transportation at UPS.

RESEARCH

Vertical Integrated Project – Georgia Tech eStadium   January 2016 – May 2017
- **Technologies:** Wireless and sensor networks, distributed systems, social networks, cloud computing, multi-media web applications, databases, games, graphics, user interface design. sensors.
- **Main website:** http://estadium.gatech.edu/dashboard/

PROJECTS

- **Android Project:** Clean Water – App that allows users, Purity Testers, & Managers to post locations of clean water. Techonlogy: RESTful Services, Google API, Android SDK, UX Design, Google Firebase
- **Java Project:** Civilization – A board game that allows two civilization to battle. MVC setup. JavaFX.
- **Python Project:** Stock Market – A Python Django Web App that pulls data from NASDAQ and allows users to purchase stocks using "Money" and allows them to purchase and sell at the dynamically changing price.

SKILLS

- **Interests:** Dancing, Basketball, TV/Movies, Research, Coding, Football, **GT Hackathon, Marta Hackathon, HackMIT**
- **Affiliations:** Georgia Tech Consulting Club, BAPS, Jazba/Bhangra, UISA – ATL Tamasha
- **Computer Science Clubs:** Big Data Club, iOS Club,GT Greyhat- Information Security, GT WebDev