ROHAN GUPTA

Work Experience

HPE
Software Engineering Intern

Palo Alto, CA
Jun 2018 to Aug 2018

- Accepted an offer to work at HPE's headquarters in Palo Alto

UPS
Software Engineering Intern

Louisville, KY
May 2017 to Aug 2017

- Developed a web and mobile application that automates the process of assigning jobs to drivers who load and unload packages from planes
- Deployed to 1,000+ users internationally and is currently being used in Louisville, Cananda, and France
- Project was presented to the CIO and was nominated as one of the top projects
- Created end to end mobile and web applications leveraging a SQL Server, MVC architecture, and a web service to effectively store and present information to users

Teaching Assistant
CS 180, 193, and 251 TA

Aug 2017 to Current

- Lab instructor for CS 180: Object-Oriented Programming - a course that introduces computer science students to the fundamentals of object-oriented programming in Java
- Instructor for CS 251: Data Structures and Algorithms - a course that introduces students to the fundamentals of various data structures and algorithms
- Lab instructor for CS 193: Tools - a course that discusses about text editors, the shell, terminal commands, and git and source control
- CS 180 and 240 tutor through USB Help Room

Projects

Vision, UPS
Jun 2017

- Developed a program that identifies a number from an image using the Microsoft Computer Vision API, determines the location of the image using Google Play Services, and records the information in a database. Used MVC architecture for the front-end and displayed the location of the image on Google Maps
- Won "Deploy It Now" Award, presented to CIO and went into production

Storagen, iOS Development
Mar 2018

- A storage management app that allows users to find others who are willing to lend storage spaces
- Features include a list of properties and a simple messenger chat
- Won Honorable Mention as a Top 10 Project for Demo Day 2018 at Purdue

Prescription Merge Conflict, HackIllinois
Feb 2017

- Built a web app that identified the combinations of prescriptions that were proven unsafe
- Recommended medications based on patient history and previous diagnosis
- Used IMO's API to populate database with real medications

Involvement

CS 180 Development Team
- Make handouts, solutions, and test cases for the course assignments
- Help students with issues related to object-oriented programming

CS Undergraduate Student Board
- An organization that facilitates communication between students, faculty, and company sponsors
- Manage a freshman-oriented crash course on programming tools that teaches students about git, text editors, and the shell
- Host the annual Corporate Partner Mixer and CS Undergrad Town Hall

LaunchPad Mentorship Program · Mentor
- Assigned a mentee to work and develop a semester-long programming project
- Developed an iOS music recommendation app that recommended songs based on past listening history using Spotify's API
- Provided academic and professional advice to mentee about programming and CS

Objective

Interested in a software engineering internship for the summer of 2018

Contact

- ✉ gupta326@purdue.edu
- 🌐 rohangupta.herokuapp.com
- 📞 (425)614-7003
- 📍 Seattle, WA
  1301 3rd Street, West Lafayette, IN 47906
- in www.linkedin.com/in/rogupta98
- ○ RohanGupta24

Education

Purdue University, West Lafayette IN
GPA: 3.6

Bachelors Computer Science, Presidential Scholarship Recipient

Graduation Date: 2020

Courses: Computer Architecture, Data Structures and Algorithms, Web Application Programming, Systems Programming, iOS Development
Areas of Interest: Machine Learning and Systems Programming

Skills

LANGUAGES - 1 (FAMILIAR) TO 4 (PROFICIENT)
Java (4)
Python (3)
C# (3)
C (3)
R (2)
Javascript (Angular and Node) (4)
Swift (2)
C++ (1)
SQL (3)
XAML (1)
NoSQL (1)

TECHNOLOGY
Android Development
iOS Development
Web Development
Data Science and Statistics
Back-End Development
Full Stack Developer