

ROHAN GUPTA

Work Experience

Hewlett-Packard Enterprise

Software Engineering Intern

Palo Alto, CA
June 2018 to Aug. 2018

- Developed a Progressive Web App POC to enhance HPE's information library
- Improved documentation for the markdown plugin within the DITA environment
- Started development of software that would automate the release note writing process

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, Canada, 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

June 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

March 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

GitStarter

May 2018

- Developed a web app that allows users to invest in Github repositories
- Value of repos depend on commit history
- Balance history and value of repos can be visually seen through graphs

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 2019

Contact

✉ gupta326@purdue.edu

🌐 rohangupta.herokuapp.com

📞 (425)614-7003

📍 Seattle, WA

in www.linkedin.com/in/rogupta98

🔗 RohanGupta24

Education

Purdue University, May 2020 GPA: 3.7/4.0

Bachelors Honors Computer Science,
Presidential Scholarship Recipient

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

Front End Development