HOA PHAM

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WORK EXPERIENCE

Teaching Assistant: CS1301 – Principles of Computer Science at Georgia State University   Fall 2018

- CS1301 – a required course for new coming computer science students.
- Graded homework, quizzes, tests, proctored exams, and held office hours.

Software Engineer Intern at Rent Items, Inc   Summer 2018

- Built a website platform that connects renters and tenants locally.
- Collaborated, communicated with a cross-functional team of other software developers, web designers, business strategists and marketing specialists to deliver quality features of website.
- Researched and reported a modern way of validating user data. Tested and used Google APIs to improve an autocomplete feature.
- Technologies: Angular, Google's Firebase and Firestore, Bootstrap 4, TypeScript

Computer Science Tutor at Georgia State University   Spring 2018

- Solved algorithms, data structure problems.
- Helped students understand the core concepts of Object Oriented Programming and Unix-System.

PROJECTS

Job Scraping (Python, Flask)   2018, Atlanta, GA

- Used Python Flask framework and BeautifulSoup library to build a web app that shows users opening job positions from Airbnb, Twilio, and Yext.
- Dynamically pulled all jobs from company career pages and displayed on the table included Position, Title, Company, Location, and link to the job application.

Predicting and Recommending Wages (Python)   2018, Atlanta, GA

- Created a Predicting-Recommending-Wage application in a team of two to predict user's wage and recommend users what they need to do to make a better wage.
- Designed algorithms and data structures. While coding, I and my partner did research together, which involves reading papers and experimenting different algorithms.
- Used training data set from UCI Machine Learning Repository

Schedule Generator – Hack GSU (Python, jQuery)   2018, Atlanta, GA

- Created schedule of courses for students to take each semester to finish their program of study.
- Reduced searching time when students taking classes.
- Tested, developed solutions to corelate taken classes with pre-requisite courses.

EDUCATION

Georgia State University   Atlanta, GA

Bachelor in Computer Science - Machine Learning | GPA: 3.77   Expected Graduation - December 2019

Associate of Art in Mathematics | Magna Cum Laude   Graduated – May 2017

TECHNICAL SKILLS

- Knowledge: Java, Python, Flask, Ruby, HTML5, CSS3, Bootstrap, Angular, PostgreSQL
- Technology: Linux, Git, Vim

LEADERSHIP

President of Science Club   January 2015- January 2017

Web Developer and Publicist for Computing and Engineering Club   August 2015- May 2016