

Rahul Zhade

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OBJECTIVE

To obtain a software developer internship or research position for the summer of 2018

EDUCATION

Georgia Institute of Technology, Atlanta, GA

August 2016 – December 2019

Candidate for Bachelor of Science in Computer Science

GPA: 3.75

Activities: Big Data Club (Treasurer), Competitive Programming Club, Grey Hat Club, Epic Intentions

PROJECTS

21st Century Security Challenges

August 2017 - Present

- Developing blockchain solution for certificate forgery in tactical edge network
- Decentralized certificate authentication network for preventing data manipulation and persistent threats
- Creating modified PoS algorithm for smaller networks with chain of command

GT Star

Spring 2017

- Real estate aggregator primarily for homeless students
- Scraped real estate postings on Uloop, Home Park Living and Home Park Rentals
- Used Python, NodeJS, PHP to automate aggregation of listings
- Compared real estate listings to census data to identify good value housing

SecondChance

November 2016 - Present

- Platform connecting patients to doctors for obtaining second opinions
- Dynamic UX based on user's needs, specialties, and history

RELEVANT COURSEWORK

Machine Learning, Coursera

- Online Machine Learning course through Coursera
- Learned mathematical modelling techniques, created linear regression and clustering algorithms

Cybersecurity Base with F- Secure, University of Helsinki

- Learned how to detect and fix OWASP Top 10 security misconfigurations
- Introduction to code review, penetration testing and security write ups

Data Structures and Algorithms, Georgia Tech

- Data structures and algorithms course in Java
- Learned basic data structures, algorithms, graph traversals and dynamic programming

EXPERIENCE

Coding With Kids

Summer 2017

- Taught elementary through high school students fundamental coding concepts
- Primary focus on Java and Robot- C through Minecraft API and Arduino IDE
- Curriculum included Minecraft Modding and Introduction to Arduino

SKILLS

Languages: Java, Python, C++, HTML/ CSS, JavaScript

Frameworks: Spring, Meteor, Express, TKinter, JavaFX, D3.js

Databases: MongoDB, Firebase, SQL

Operating Systems: Windows, Mac OS, Ubuntu, Raspbian