Yilong (Allen) Zhu

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Education

Emory University | Atlanta, GA   May 2020
B.S. in Mathematics/Computer Science   GPA: 3.726/4.000
B.A. in Comparative Literature

Technical Skills

Languages: Java, Python, Golang, SQL, HTML/CSS, JavaScript
Technologies: Spring Boot, Flask, Google Cloud Platform, Git, Swagger

Experience

PayPal | San Jose, CA   May 2019 – Aug 2019
Software Engineer Intern
- Developed system to clean and aggregate ~12,550 streaming inserts per second of internal test framework request logs to build ETL tables stored in Google BigQuery
- Created RESTful API using Golang and Swagger to eliminate the 5% data loss present in current log-viewing implementation
- Analyzed microservice performance and test failures to provide previously unavailable anomaly detection and root cause analysis
- Led intern team in adopting proper testing, source control, and Drone CI/CD practices

Noble Systems | Atlanta, GA   May 2018 – Aug 2018
Software Engineer Intern
- Developed PHP web app used by all leads in research and development to analyze data from company bug tracker
- Increased visibility of ticket lifecycles and project statuses by 300% through compiling project and user data from several thousand daily tickets
- Patched out security vulnerabilities caused by antiquated MySQL connection APIs in the main product management web page

Personal Projects

QuickBites! | quickbites.app
- Created service using Java and Spring Boot to generate recommendations for restaurants
- Connects to the Yelp API in combination with location services to find restaurants close in radius to the user
- Designed a lightweight and mobile-responsive front-end using HTML, CSS, and vanilla JavaScript

Leadership and Community Engagement

Residential Life and Housing Operations | Emory University   Aug 2018 – May 2019
Sophomore Advisor
- Managed the well-being of over 300 university students and fostered an in-hall community and safe space for open conversation
- Coordinated four programs for first-year students to facilitate involvement and leadership on campus

Honors

2019 PayPal Intern Hackathon – 1st Place Overall; **Speaker** at Emory's 2019 Comparative Literature Colloquium; **HackATL 2018** – 1st Place in Technology