Bryan Pan

Software Developer & Coffee Enthusiast

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Education

University of California, Los Angeles • UCLA

GPA: 3.78
June 2022

Bachelors of Science, Computer Science

Relevant Coursework: Scalable Internet Services, Computer Vision, Operating Systems, Algorithms, Quantum Computing

Activities: Creative Labs, Bruin Toastmasters, UCLA Badminton Team

Skills

- C/C++
- Javascript/Typescript
- Python
- React • Redux • Node
- Distributed Systems
- TensorFlow
- REST • GraphQL • WebSocket
- Amazon Web Services
- Oracle Cloud
- Docker
- Kubernetes

Awards

Booz Allen Challenge Cup

Summer 2019 • Champion

Notable Projects

Agora

A collaborative canvas centered around community.

agora.creativelabsucla.com

Professional Experience

Amazon Web Services • AWS

Seattle, WA
Summer 2020

Software Engineering Intern

Designed and developed a code-first schema framework for GraphQL with the AppSync module through AWS Cloud Development Kit.

Contributions:
- Designed and delivered a code-first schema framework
- Engaged customer questions, reviewing customer contributions, and addressing customer needs
- #15 Contributor, 13k+ Lines of Code (as of 9/11/2020)

Skills Used: AWS • GraphQL • Typescript • DevOps • TDD

Booz Allen Hamilton

El Segundo, CA
Summer 2019

Software Engineering Intern

Developed a FOSS tool that visualizes a Kubernetes environment and actively monitors the health of elements within that environment.

Contributions:
- Created an error bar component that monitors an environment and outputs faulty pods
- Developed a dashboard that actively displays overall stats of a Kubernetes environment
- Redesigned a topological view of a Kubernetes environment to displays hosts, pods, and containers

Skills Used: Javscript • React/Redux • Kubernetes • Docker

Leadership Experience

Creative Labs

2018 - 2020

We are a community of creatives at UCLA discovering, pursuing, and building our passions together.

Executive Director — Present

Leading others to promote self-expression through technology and design.

Project Manager — Winter/Spring 2019

Managed three projects • Helped in direction, product, and development.

Project Lead — Fall 2019

Lead a project to build an IOT coffee machine.

Bruin Toastmasters

Vice President of Membership — Winter/Spring 2019