

Bryan Pan

Software Developer & Coffee Enthusiast

 bryanpan.co  github.com/bryanpan342
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Education

University of California, GPA: 3.78
Los Angeles • UCLA 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
Software Engineering Intern Summer 2020

Develop software package for AWS Cloud Development Kit (CDK) that allows customers to interface GraphQL API and other AWS services.

Contributions:

- Developing an API for AWS AppSync to allow customers to easily interface w/ GraphQL through CDK infrastructure
- CDK is open source! Check out my contributions here:
github.com/aws/aws-cdk

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

Booz Allen Hamilton El Segundo, CA
Software Engineering Intern Summer 2019

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: Javascript • 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