

Getty George V

gettyv05@gmail.com | (951) 455-6648 | github.com/phreakster | linkedin.com/in/getty-george-v

Education:

UCLA Samueli School of Engineering, September 2020 - June 2024 (Expected)
Mechanical Engineering Major, GPA: 3.89

Experience / Activities:

Bruin Racing Baja, Transmission Subteam Member, UCLA, October 2020 - Present
Modeled fixtures using CAD and tested using finite element analysis
Building a wireless data tracking system to collect and effectively display vital data in real-time

ACM teachLA, Project Manager, UCLA, October 2020 - Present
Draft and refine timelines to ensure project is completed in a timely manner
Organized developers and designers to work together effectively
Kept deadlines and relayed progress to other club leaders to ensure project quality

Themed Entertainment Association, Programming Director, UCLA, September 2020 - Present
Planned and organized multiple lectures by industry professionals
Drafted technical drawings for themed entertainment design competitions

Engineering Ambassadors, UCLA, September 2020 - Present
Led tours around the engineering department buildings to build interest in and answer questions about UCLA engineering

Projects

BruinLabs Hackathon: Budgie - Hardware and app to teach musical students rhythm
Quickly designed, prototyped, and tested a physical product with phone app integration in a team
Presented my designs and CAD models to receive feedback from a panel of judges

ACM teachLA: Playnet - Website to teach elementary students how the internet works
Worked with designers to implement multiple website components using React and TypeScript
Worked collaboratively in a GitHub repository with pull requests and forced code reviews
Reviewed peer's code to ensure code quality, performance, and accessibility

Bruin Entrepreneurs: Beeblocks - Solution to make city living more sustainable
Methodically brainstormed ideas in a group environment
Created and hosted a React website to showcase our idea and designs

UCSD Haunted House Design Competition

Drafted technical drawings and floor layouts for multiple elements in a horror maze
Found technical solutions to accurately portray artist's wishes

Skills

Programs: CAD (Solidworks, Fusion), Finite Element Analysis, Excel, Powerpoint
Languages: Python, C++, JavaScript, TypeScript, React, Node.js, HTML, CSS
