

Alex Gravenor

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Education

California Polytechnic State University, San Luis Obispo
Computer Science Major - Mathematics Minor

Currently Attending; Class of 2020
GPA: 3.790 3x President's List

Experience

NASA Jet Propulsion Laboratory

Mars 2020 Ground Data Systems Undergraduate Engineer

June 2018 - Present

- Created secure mission-wide single sign on
- Created testing and CI infrastructure
- Created and deployed cloud native microservices
- Discovery and investigation of cybersecurity threats

McKesson

Applications Intern

June 2017 - December 2017

- Created an internal supply management website
- Created a sophisticated CI/CD pipeline
- Worked directly with product owners and customers
- Presented to board members of a Fortune 5 company

T4MusicMentor at Williamson Music 1st

Media and IT Specialist

February 2014 - August 2016

- Front-end website design and maintenance
- Turned a music curriculum into over 3,000 video modules
- Studio and field recording

Projects

Blazingkin Open Source Programming Language

2015 - Present

github.com/blazingkin/blz-osp

- Independent creation of an object-oriented interpreted language
- Competitive language features and performance

Everything About Here

2017 - Present

everythingaboutthere.com

- Aggregated real time and statistical data to show users based on their location

See more at blazingk.in/projects

Technical Skills

Programming Languages:

Proficient - Java, Ruby, Python, blz, Javascript, C, Golang

Some Exposure - Haskell, Racket, Lua, PHP, C++, C#, SQL

Libraries - Rails, LWJGL, RSound, TensorFlow, Flask

Technologies - Jenkins, Travis CI, AWS, OAuth2, JWT, Docker, Terraform, ESP32, Networking