

Alexander Giannini

alexandregiannini@gmail.com (949) 402-8025

Programmer with Education in Computer Science and Mathematics

Technical Skills

- | | | |
|--------------------|--------------|---------------|
| • Python (3) | • NODE.js | • MongoDB/SQL |
| • JavaScript (ES6) | • Express | • Linux |
| • Typescript | • Flask | • Bash/Shell |
| • Java | • Angular 2+ | • Git/GitHub |
| • C/C++ (11) | • Bootstrap | • HTML/CSS |

Currently Gaining skills with React, C#, .NET and Docker

Education

Harvard University, Extension School

Bachelor of Liberal Arts, Computer Science

May 2019

GPA 3.8

- Field: Computer Science, Minor: Mathematics
- Dean's List Academic Achievement Award
- Overall GPA 3.8, Computer Science GPA 3.8, Math GPA 3.9
- Tuition Waiver recipient for course at Harvard's Graduate School of Education

Other Education Includes: The Hotchkiss School, Newport Harbor High School

Projects:

REST Applications with Angular/MongoDB/Express/Node

- Rolodex Application and Public Post Board
- Backend REST API services Angular Front-End and sanitizes data with Mongoose
- Both Applications are hosted on my personal site

Web Applications with Python/Flask/PostgresSQL

- Book Review Application and Chat Application w/ Web Sockets
- Hosts Database on Heroku and uses SQLAlchemy to sanitize data
- Book application is hosted on my personal site and has secure login

Angular Application built to Explore Spotify API

- Queries Spotify API to display categories and facilitate user search
- Displays playlists and data from API and uses backend for secure authentication

Projects are meant to demonstrate a knowledge of REST, security, databases and other full-stack concepts. They are not an exhaustive presentation of my skills. See them at www.alex-g-portfolio.me.

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Professional Experience

Harvard University

Digital Teaching and Learning Student Fellow

Sept 2017- May 2018

- Received stipend to assist the Course Design team in the Department of Teaching and Learning
- Collaborated to draft a report detailing EdTech options for Extension School Courses
- Assisted faculty with project ideation and brainstorming for targeted course projects
- Assisted with research in the field of online pedagogy
- Provided best practice recommendations to a team of course designers
- Proofread and provided feedback to assist in the development of online resources

www.FurnitureFromHome.com

SEO Specialist/Content Creation

2009- 2010

- Designed and published product pages using a content management system
- Wrote descriptions, alt tags, images and titles
- Developed and utilized an understanding of Search Engine Optimization

Various Production Companies

Audio Engineer and Theater Professional

2007- 2015

- Participated in building the mastering department at www.DiskFaktory.com - Irvine, CA (~2 years)
- Operated as a freelance engineer at Various Recording Studios - LA area (2 years)
- Assisted a Broadway Producer at a Theatrical Production Company - NYC (~3 years)

Additional Information

Projects and Course List can be found at:

www.alex-g-portfolio.me

More code can be found at:

https://github.com/agiannini/public_repo

My LinkedIn profile can be found at:

<https://www.linkedin.com/in/alexgiannini>

References and Transcripts Are Available Upon Request