

Jen Shin

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EDUCATION

Bachelor of Science, Computer Science

GPA 3.53

Loyola Marymount University LA, CA

Expected May 2018

Honors: Loyola Marymount Achievement Award, Dean's List

Relevant Courses: Programming Languages, Data Structures, Databases, Interaction Design, Algorithms

PROJECTS

Lead Software Developer | GRNsight Research Project

September 2016 – Present

- ❖ Developed an open source web application and service for visualizing models of gene regulatory networks to provide a diagram for users studying biology
- ❖ Analyzed data in order to build the test suites and checked errors using HTML, Jekyll, JQuery, JavaScript and Git
- ❖ **Strategy Team UI Designer | USC Solar Car Team** September 2016 – May 2017
- ❖ Contributing to UI design for a telemetry system program which connects to the machine, solar car, and provide a visual graph for its simulated statistical data
- ❖ Collaborated with team members from the electrical engineering team, business team, and mechanical team in order to discuss and fulfill necessary functionalities of the software and add features as requested

Amazon Alexa Hackathon

November 2016

- ❖ Created an app using Alexa Skills Kit: that verbally communicates with the user by asking questions and providing answer choices to place the user into an according Harry Potter House

ACM International Collegiate Programming Contest Regionals

November 2016

- ❖ Competed against more than 80 teams from different universities and cooperated with two other teammates to solve complex and challenging problems assigned and organized by ACM and IBM representatives

TECHNICAL EXPERIENCES

Programming Assistant | SmarterKidsCode

May 2016 | LA, CA

- ❖ Coordinated with CS instructor Richard Brous to guide 450 middle school students through prepared activities in order to inform and motivate the students about possibilities of computer science
- ❖ Led the students to develop their creativity and algorithmic way of thinking by assisting programming-with-paper-and-cups-activity and teaching how to use Hopscotch app

Website Programmer | Loyola Marymount University

October 2015 – December 2015 | LA, CA

- ❖ Managed a college class website and improved HTML and CSS code through cleaning up general bugs

Foley Lab Manager | Loyola Marymount University

January 2016 – Present | LA, CA

- ❖ Attentively assist clients by resolving any complaints or trouble they have regarding the computer lab

SKILLS

- ❖ **Proficient:** Java, JavaScript, HTTP, CSS, Python, Adobe Photoshop
- ❖ **Intermediate:** JQuery, C++, Adobe After Effects, Microsoft Word, ReactJS, assembly, Jenkins, APIs, D3, SQL, Git, PostgreSQL,
- ❖ **Beginner:** Bootstrap, Jekyll, C, Microsoft Excel, Jasmine, NodeJS, SQL, Apache, Linux, Elm
- ❖ **Languages:** Fluent Korean & English, Proficient Japanese, Beginner Spanish