

Jen Shin

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EDUCATION

Bachelor of Science, Computer Science

GPA 3.64

Loyola Marymount University LA, CA

Graduated May 2018

Honors: Loyola Marymount Achievement Award, Dean's List

Relevant Courses: Compilers, Algorithms, AI, Data Structures, Databases, Interaction Design

SKILLS

- ❖ **Proficient:** JavaScript, Python, Java, D3, JQuery, TDD, HTTP, CSS, Ohm
- ❖ **Intermediate:** C++, ReactJS, assembly, Jenkins, Git, PostgreSQL, Regex, JSON, Adobe After Effects, Adobe Photoshop, 3D Blender, Microsoft Word
- ❖ **Beginner:** Bootstrap, Jekyll, C, NodeJS, NoSQL, Linux, Elm, Karma, Mocha, Jest APIs, AWS ec2
- ❖ **Languages:** Fluent Korean & English, Intermediate Japanese, Beginner Spanish

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
- ❖ Implemented grid layout feature to provide improved user experience regarding data comparison and examination
- ❖ Analyzed data in order to build the test suites and checked errors using D3, JavaScript, JQuery, Git and HTML

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, November 2017

- ❖ 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 preparing 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

Undergraduate Teaching Assistant | Loyola Marymount University

January 2018 – May 2018 | LA, CA

- ❖ Assisted Computer Science majors and minors with various coding questions for projects and assignments in the Computer Science lab.

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 – December 2017 | LA, CA

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