DANICO BRYAN PIDLAOAN

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EDUCATION

Loyola Marymount University (LMU) | Los Angeles, CA .... Expected May 2019
Bachelor of Science Candidate, Computer Science .... GPA: 3.4
Minor in Business Administration
LMU Ignatian Leadership Institute

TECHNICAL SKILLS

Languages: Proficient: Java, JavaScript/jQuery, HTML, CSS | Knowledgable: Python, C, C++, JSON | Beginner: SQL, Elm
Tools: Bootstrap, Git/GitHub, Bash, JUnit, Jasmine, NodeJS, AngularJS, Jekyll, OpenGL | **Operating Systems:** macOS, Linux
Computing: Object Oriented Programming, Data Structures, Algorithms, UX/Interaction Design, Logic Design, Computer Graphics

SELECTED PROGRAMMING & DEVELOPMENT PROJECTS   (Portfolio: danicobryan.github.io)

- **Website Development:** Use HTML, JavaScript, CSS, Bootstrap, and APIs to create websites for clients and organizations.
- **World Music Search:** Web app using server-side development and DOM manipulation with modern Javascript/jQuery, HTML/CSS, and the Musixmatch API that searches a country for its top music artists; tested with Jasmine across different browsers.
- **Autocompleter:** Utilized ternary trees in Java to suggest completed words for string inputs, similar to "suggested search" function
- **Sentiment Analyzer:** Used a Java implementation of hash tables/functions to create an object that reads a text file and analyzes whether the words have an overall positive or negative tone.
- **A-maze-ball App:** Web app using server-side development in jQuery/JavaScript, HTML, and CSS simulating balls that respond to gravity and rotation of a mobile device. User can create/move boxes with finger swipes that balls ricochet from.

PROGRAMMING & DEVELOPMENT EXPERIENCE

Python Developer .... January 2018 - Present
LMU Department of Political Science | Los Angeles, CA

- Implementing Python to download, analyze, and display economic data from cities in Asia to aid in the research of a Political Science professor by parsing through web API JSON data, storing data in an SQL database, and using Stata to analyze data.

SpaceX Hyperloop Competition Team Member .... November 2017 - Present
LMU Hyperloop Team | Los Angeles, CA

- Contributing to the telemetry systems of the team's Hyperloop pod by creating an interface that displays relevant pod state data and measurements (eg. speed, temperature) using Python, C++, Arduino, and PyQT
- Coding and designing the team website using HTML, CSS, Javascript/jQuery, and Bootstrap

Front End Web Developer, Vice President of University and Alumni Relations .... December 2016 - 2017
MAGIS Service Organization | Los Angeles, CA

- Designed and coded the official website using HTML, Javascript, CSS, Bootstrap frameworks, & Instagram API (lmumagis.com)
- Managed website, email, and social media platforms (Facebook and Instagram), and used platforms to market events, resulting in an almost 100% in increase donations, Instagram followers, and number of applicants to the organization
- Communicated and connected with alumni through E-Newsletters and social media, increasing alumni engagement & donations

Front End Web Developer, Scholarship Chair .... December 2016 - 2017
Phi Delta Theta (LMU) | Los Angeles, CA

- Redesigned and coded the official website using HTML, Javascript, CSS, and Bootstrap frameworks (lmuphidelt.com)
- Developed and implemented an academic improvement plan for the chapter, resulting in a majority increase in member GPAs; administrated study hours, oversaw & spearheaded a $1,000 scholarship fund, collaborated with campus leaders in event planning

Coding Class Teaching Assistant .... June 2016 - July 2016
St. Ignatius College Preparatory | San Francisco, CA

- Educated and assisted 50+ 6th-8th grade students with solving coding problems and developing apps, animations, and games in JavaScript, HTML, CSS, and block coding; organized and coordinated classroom activities

RELATED TECHNOLOGY & LEADERSHIP EXPERIENCE

Marketing Assistant, Data Entry Specialist, & Peer Advisor .... August 2016 - Present
LMU Office of Career and Professional Development | Los Angeles, CA

- Create HTML layouts for daily emails and newsletters; Create, edit, proofread, and distribute marketing posters and material
- Provide customer service and troubleshoot problems for high volumes of clients weekly, including students, employers, faculty, and staff; assist in organizing and setting up career events on campus
- Review student resumes and cover letters, and communicate and provide positive and constructive feedback to clients

Science & Engineering Orientation Leader .... May 2017 - June 2017
Loyola Marymount University | Los Angeles, CA

- Lead, communicated, and interacted with groups of incoming science and engineering students through orientation programs
- Developed public speaking skills by delivering presentations on Science & Engineering curriculum and LMU policies

AWARDS, LEADERSHIP, & INVOLVEMENT

LMU Ignatian Leadership Institute (January 2017 - Present)	**Association for Computing Machinery** (Class Representative 2016)
LMU Award for Service and Leadership (2017)	**MAGIS Service Organization** (Executive Board 2016-2017)
Phi Delta Theta Fraternity (Executive Board 2016-present)	**Tutor: Lennox Middle School, Good Shepherd Shelter**