SAMUEL CHAMI

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EDUCATION AND SKILLS

Loyola Marymount University   **Los Angeles, CA**
Bachelor of Science Candidate, Computer Science – 3.33 / 4.0 GPA   *May 2019*
Minor in Economics

Relevant Coursework

Data Structures	Interaction Design	Computer Systems Design
Algorithms	Theory of Computation	Operating Systems
Computer System Organizations	Programming Languages	Language Translation
Logic Design	Computer Graphics	

Technical Skills
Languages: Proficient: JavaScript, Java, Python, C++ HTML, CSS| Familiar: C, Elm, x86 Assembly Language
Tools and Libraries: NodeJS, jQuery, Bootstrap, Git, Jekyll Test Suite, J-Unit Test Suite, Jest
Technologies/Environment: Windows, MacOS, Linux, OpenGL

Selected Projects
Economic Advisor: Used HTML, JQuery, and CSS to create a website that graphs stock and crypto currency APIs
Big Integer: Integrated arithmetic from scratch for arbitrarily large integers
Auto Completer: A mock search bar. Utilized ternary trees to complete words for string inputs
Randomized Integration: Implemented Monte Carlo simulation in Java to estimate the area under a function curve

TECHNOLOGY EXPERIENCE

Loyola Marymount University Hyperloop Team   **Los Angeles, CA**
Software and Electronics Team Leader   *Sept 2017 – Present*
- Served as a coordinator of large scale development on an interdisciplinary team of 60 undergrads
- Led research and development on a platform with a team of 10 undergrads to accurately capture information about our Hyperloop pod's velocity, acceleration, position, temperature, and electrical components.

LMU's Association for Computing Machinery   **Los Angeles, CA**
Co-President   *Jan 2018 - Present*
- Coordinated a Python workshop to better the professional skills of the 60+ chapter members and engineers with differing levels of experience

Investment Concepts Inc.   **Orange, CA**
Intern   *May – June 2017*
- Developed skills in network and server management in an office of 40 employees
- Helped to coordinate the switch to a paperless record database through a real estate tenant manager

Mvestor Media   **Las Vegas, NV**
Intern   *May – June 2015*
- Effectively used WordPress, GitHub, and Slack to collaborate with other developers
- Increased knowledge in HTML5 and CSS by helping to design commercial-grade webpages

OTHER WORK EXPERIENCE

At Home Tutoring LA   **Los Angeles, CA**
K-12 Math Tutor   *Sept 2017 – Present*
- Designing in-depth, 1 on 1 lessons plans for several students to better their grasp of mathematical concepts

River Way Ranch Camp   **Sanger, CA**
General Counselor   *June – Aug 2015-2017*
- Acted as a role model by providing support to campers through exciting activities and programs that helped to develop their confidence and leadership skills
- Coordinated team building exercises to boost the creativity and passion of first year counselors
- Contributed in the program office to help create the master schedule for nine-hundred total campers