Michael Marsella

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EDUCATION

University of California, San Diego   San Diego, CA
Bachelor of Science: Mathematics-Computer Science   Anticipated: June 2020
- Minor in Entrepreneurship and Innovation
- 3.47 GPA

RELEVANT EXPERIENCE

Northrop Grumman – Aerospace Systems   San Diego, CA
Co-Lead Software Engineering Intern   June 2019 – August 2019
- Managed a team of six software engineering interns.
- Presented managerial accomplishments and goals to chief engineers and higher-level management.
- Improved software documentation to increase future team efficiency.
- Migrated a software application to a webtool utilizing C++ and JavaScript.
- Engaged in Agile project management style.
- Collaboratively tested software in simulation environment.

FBI – Cyber Division: Office of Data Exploitation   Chantilly, VA
Software Development Intern   June 2018 – May 2019
- Received and maintained top-secret security clearance (TS-SCI).
- Organized large amounts of data of varying content.
- Wrote software to improve the presentation of data to intelligence analysts.
- Worked collaboratively alongside junior and senior level software engineers.
- Acclimated to full software development process.
- Developed software in a test environment.
- Introduced efficiencies into existing processes.

Mapsella   San Diego, CA
Founder   May 2019 – August 2019
- Established a Shopify based e-commerce business focused on travel gifts.
- Utilized the Google Marketing Platform to gauge consumer perception and product analytics.
- Implemented SEO optimization techniques.
- Conducted market research and competitor analysis.
- Researched and negotiated with foreign manufacturers and sources for product fulfillment.

groupTern.com   San Diego, CA
Founder and Administrator   February 2019 – Current
- Ongoing project to develop online database for users to share their internship application and interview experiences.
- Utilizing web development foundations in WordPress to create website features.

SKILLS

Technical: Java, C++, C, JavaScript, Unix, Vim/Gvim, SQL, Git, GDB, LaTeX, Microsoft Office, HTML, ARM assembly, Python, MATLAB, Linux, hands-on computer hardware experience, mathematical approaches to complex problems

Language: French (conversational)

Other: Video editing, critical thinking, solid written and verbal communication skills, ability to adapt and learn on-the-fly

LEADERSHIP & ACTIVITIES

The International Sigma Chi Fraternity   San Diego, CA
Executive board member, Head of Philanthropy   *Jan 2019 - May 2019*