

MICHAEL R. ARCIOLA III

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EDUCATION

Florida State University, Tallahassee, Florida
Double major candidate in Computer Science and Business

PROFESSIONAL EXPERIENCE

SpaceX, Los Angeles, CA **June 2016 – August 2016**

Software Engineering Intern

Developed different basic user functions within Unreal Engine using C++ to manipulate user viewpoints and actions within SpaceX's virtual reality design system for the Crew Dragon Spacecraft in SpaceX's Virtual Reality Lab.

- Developed function in C++ to manipulate user's location within Spacecraft using HTC Vive's user controllers
- Developed function in C++ to edit, move, and remove design elements within Spacecraft during design reviews
- Created an "astronaut" viewpoint to simulate the view of Spacecraft as an astronaut using SpaceX's helmet design

Google, Tallahassee, FL **July 2015 – June 2016**

Brand Ambassador

First Google student brand ambassador for Florida State University.

- Awarded for the largest 'HangOutreach' event with over 200 students in attendance.
- Awarded for the most creative and impactful 'Android Launch' event out of over 100 ambassadors.

Viacom – MTV & Nickelodeon, New York, NY **May 2015 – August 2015**

Software Engineering Intern

Helped extend the internal intranet within Viacom based on SharePoint 2013. Developed application for scheduling meetings as well as sales calls across multiple time zones simultaneously. Designed and developed launch/sign-up pages for Nickelodeon Kids Sports Choice Awards and redesigned and developed the MTV press website.

Southern Cigar Co, Tallahassee, FL **May 2015 – Present**

Co-Founder

Built subscription box service company from initial concept. Created business plan, marketing, and product design & development that is now responsible for our hundreds of customers in over 25 different countries.

- Designed iconic product that has set the benchmark for product pricing and packaging within its niche
- Developed business processes that have increased our throughput when shipping over 2000 cigars a month
- Managed marketing that has lead us to over ten thousand visitors to our website every month

Delta Chi Fraternity, Tallahassee, FL **2013 - Present**

Vice-President

Two-term and youngest Vice-President in chapter history. Awarded the Delta Chi Chapter of the Year in addition to the Scholarship Award that is awarded to the highest overall GPA in the region. Received awards from FSU IFC for most improved chapter and highest GPA on campus.

- Managed 12 chairmen responsible for different functions within the fraternity
- Nearly tripled chapter size since joining in 2013
- Managed \$150,000 budget each year

PROJECTS

MIPs Assembler (FSU)	- Developed assembler written in C to translate MIPS 32 into machine code
Cache Simulator (FSU)	- Developed cache memory simulator in C to compare cache design
Static-Pk (SwampHacks)	- Created 3d multiplayer game in Java based on a well-known MMORPG
Pseudo Self (HackNC)	- Created Flask web app to help automate item purchasing online
Live Watch (HackDuke)	- Created real time web app using Django and Google Maps API

PROGRAMMING LANGUAGES & SYSTEMS

C++ | Python | Java | HTML | CSS | JavaScript | PHP | MySQL | Git | Linux | Windows | Mac | Photoshop

LEADERSHIP AND ACHIEVEMENTS

FSU Dean's List Recipient – Achievement given to top academic achievers at FSU with a GPA of 3.8+

TEDxFSU Speaker Nominee – Nominated to present at annual TEDxFSU speaker series

Google's Program Community – Accepted into Google's new technology program for college students

Florida Bright Futures Scholar – State scholarship award given to high academic achievers within the state

FSU Collegiate Programming Team – Member of FSU's collegiate programming team of 4 students

HackFSU Organizer – Two-time organizer for annual HackFSU hackathon, with 500+ students in attendance