M_H
Madison Hicks

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CONTACT INFORMATION
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OBJECTIVE

To secure a challenging career where I can apply and improve my technical skills and continue the advancement of technology.

EDUCATION

University of Florida -- Gainesville, FL

Current GPA – 3.40/ 4.0

Major: B.S. in Digital Arts and Sciences Engineering (College of Engineering) - *Minor in Mathematics*   *May 2017*

Relevant Coursework : Programming Fundamentals I & II, Data Structures & Algorithms, Intro to Software Engineering, Computer Structures in Computer Graphics, Human Computer Interaction, Operating Systems, Modeling and Animation, Theory and Practice of Multimedia Production, Web Application Development, Virtual Reality

RELEVANT SKILLS

- Fluent in Spanish
- Proficient in Microsoft Office, Autodesk Maya, Photoshop, Illustrator, InDesign, Processing, and Unity
- Expertise in virtual reality, game development, MEAN-stack, and Agile / Scrum methodology
- Proficient in Java, C++, HTML/ CSS – Experience using C#, MIPS, MATLAB, and JavaScript/ jQuery

EMPLOYMENT

Teaching Assistant, *University of Florida – Gainesville, FL*   *January 2017 – Present*

- Teaching Assistant for Interactive Modeling and Animation using the Processing development environment
- Develop and deliver a range of teaching activities including examples to further students' understanding of programming concepts while also promoting creativity
- Perform basic administrative tasks such as grading assignments and quizzes
- Hold regular office hours where students can come in for supplemental assistance

Graphic Artist Intern, *TRU Simulation + Training – Charleston, SC*   *June 2016 – August 2016*

- Aided in the development of storyboards for aircraft training
- Created graphics for proposals and other projects
- Participated in a long-term intern group project with impacts on company recruitment

Intern, *WMB Architecture – Lakeland, FL*   *June 2015 – August 2015*

- Aided with company website design/ content and edited proposals
- Worked with architects and designers to complete projects on time

Presidential Wait Staff, *Cacciatore Catering – Gainesville, FL*   *January 2014 – December 2015*

- Served and assisted highly influential patrons at official University of Florida functions

Imaging Specialist, *DTI Global – Tampa, FL*   *Summer 2013/ 2014*

- Assisted in the organization and completion of various projects while on a deadline

EXTRACURRICULAR ACTIVITIES

Founding Member, *UF TYPE Initiative*   *January 2016 – Present*

- Work with Girls Who Code to promote computer science studies to girls in middle and high school
- Organize and develop coding seminars and hackathons for youth in the Gainesville area

Marketing Director/ Design Chair, *Employer Relations Ambassadors*   *August 2015 – Present*

- Create logos, graphics and other images advertising the club and events

Member, *Women in Computer Science, and Engineering*   *August 2015 – Present*

- Aid the advancement of women in computer science fields by providing academic/ professional resources

Member, *Community Health Service Corps*   *August 2012 – May 2015*

- Helped address health disparities while participating in campus outreach projects

Mellophone Player, *Gator Marching Band*   *Fall Semesters of 2012 and 2013*

- Participated in various events acting as an ambassador for the University of Florida

Asst. Flight Software Developer, *Center for High-Performance Reconfigurable Computing*   *August 2014 – December 2014*

- Worked with NASA to develop hardware/ software that can function in space

Portfolio may be found at: http://www.madihicks.xyz