Zach Zager

zachzager@gmail.com
484-547-7472

EDUCATION

TUFFS UNIVERSITY **Medford, MA**
Master of Science, Innovation & Management Expected August 2018
Bachelor of Science, Engineering Psychology, GPA: 3.74 May 2017

PROJECT MANAGEMENT

POWERPLAY TECHNOLOGIES **Medford, MA**
Founder and Product Developer October 2016 - Present
- Conduct user interviews to inform the design of educational playground equipment
- Build 3D models, animations, and wireframe mockups to demonstrate product potential to investors
- Finalist and active participant in MassChallenge Startup Accelerator
- Placed second in the Tufts 100k New Ventures Competition

180 DEGREES CONSULTING **Medford, MA**
Project Manager September 2015 - December 2016
- Led team of 5 students to improve campus outreach and management strategies for the Leonard Carmichael Society, Tufts' umbrella organization for community service activities
- Developed strategies for the New England Center and Home for Veterans to increase long-term donating behavior

MOTUS, LLC **Boston, MA**
Product Intern May - August 2016
- Determined requirements and designed layouts of the user-facing side of Motus' SaaS platform
- Communicated with data providers to leverage cloud, API, and SDK capabilities
- Performed market sizing to predict strategic and financial implications of incorporating in-app purchases

SOFTWARE DEVELOPMENT

CLIMACELL **Boston, MA**
Software Development Intern January - May 2017
- Implemented signal-processing algorithms to generate real-time weather visualizations
- Composed unit tests in Python to measure accuracy of weather forecasting
- Built client-facing features of ClimaCell's revolutionary real-time weather platform using Angular

WAFFLE CATS **Medford, MA**
Creator and Developer October 2015 - Present
- Developing a multiplayer mobile game for eventual release on both iOS and Android platforms
- Program scripts, design visual assets, coordinate music composition and investigate marketing opportunities

TEACHING

INSPIRICA **Boston, MA**
Tutor June 2017 - Present
- Provide intensive one-on-one tutoring for the ACT, SAT, ISEE, and other standardized exams
- Utilize performance metrics to identify score-increasing strategies for students

NATIONAL STUDENT LEADERSHIP CONFERENCE **Los Angeles, CA and Washington, DC**
Team Advisor June - August 2017
- Mentored 14 to 20 teams of high school students per session in their efforts to create video games
- Planned curriculum and taught classes on C# programming in Unity for three, weeklong sessions
- Guided students through the effective use of agile methodology in their development process

TUFFS UNIVERSITY COMPUTER SCIENCE DEPARTMENT **Medford, MA**
Teaching Assistant September 2015 - May 2017
- Instructed students on the fundamentals of computer programming in C++ as a lab leader and in office hours
- Tested, graded, and provided feedback on students' homework assignments

SKILLS

Languages/frameworks: C++, C#, Python, HTML/CSS, JavaScript, MEAN, MATLAB, Java
Design technologies: Unity, AutoCAD, Inventor, 3ds Max, Revit, Photoshop, Illustrator
Analytics software: SPSS, Google Analytics, Microsoft Excel, Domo