Zach Zager

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Education
Tufts University, Medford, MA
Bachelor of Science, Engineering Psychology, May 2017
GPA: 3.72

Work Experience
Consultant, 180 Degrees Consulting, Tufts University   September 2015 - Present
- Advise organizations on valuable strategies, technologies, and services
- Compile actionable insights from quantitative and qualitative surveys data
- Delegate responsibilities with a team of fellow Tufts students

Teaching Assistant, Intro to Computer Science, Tufts University   September 2015 - Present
- Instruct students on the fundamentals of computer programming
- Coordinate and lead workshops to help students with common problems
- Test, grade, and provide feedback on students' homework assignments

Product Intern, Motus, Boston, MA   May - August 2016
- Collaborated with development and member services teams in a fast paced agile environment
- 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 new services

Research Assistant, Spatial Cognition Lab, Tufts University   September 2015 - January 2016
- Conducted research on mental rotation and mental imagery
- Guided participants through two-hour experimental procedure
- Wrote programming scripts to analyze data and suggest future research directions

Counselor, Pinemere Camp, Stroudsburg, PA   2012 - 2015
- Worked with an international staff as a counselor for kids ages 6 through 15
- Oversaw the hiring of and transition to a new full-time executive director
- Planned large-scale athletic and educational programs

Venture Projects
Waffle Cats   October 2015 - Present
- Led a three-person team in the development of a multiplayer desktop game
- Program scripts, design visual assets, and investigate potential marketing opportunities

sPARK Technologies   October 2016 - Present
- Develop user experience maps to focus design of educational playground equipment
- Explore market opportunities and evaluate the unique user needs in each of these markets

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