Ben Pall

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EDUCATION

Tufts University School of Engineering, Medford, MA
Bachelor of Science, Human Factors Engineering and Computer Science, May 2017
GPA: 3.52/4.00, Dean's List for Four Semesters of Five

RELEVANT COURSEWORK

Computer Science
Data Structures ● Web Programming ● Algorithms ● Game Development
Machine Structure and Assembly Language Programming

Human Factors
Human Factors Product Design ● Technical Communications ● Computer Interface Design
Human-Computer Interaction ● Human-Machine System Design

PROFESSIONAL EXPERIENCE

Pegasystems, Inc.   Cambridge, MA
Digital Marketing Intern   *May-Aug, 2016*
- Published stakeholder content using Drupal CMS and other systems
- Researched and planned updates to Pega.com for enhanced SEO, UX/usability, and content strategy.

Zeta Beta Tau Fraternity, Omicron Chapter   Medford, MA
Rush Chair   *Full Year 2015*
- Planned three rush events each semester within a budget
- Executed the events while they were happening

Membership Development Director   *Spring 2016*
- Led program to integrate new member class into the organization

Tufts University Spatial Cognition Laboratory   Medford, MA
Research Assistant   *Jan-Aug 2015*
- Supervised experiments involving mental rotation
- Digitally implemented designs for new experiments

Devtech Research Group   Medford, MA
Research Assistant   *Jul 2015*
- Recorded children's interactions with block-based programming tools

URJ 6 Points Sci-Tech Academy   Byfield, MA
Video Game Design Specialist, Counselor   *Summer 2014*
- Coached campers in video game design principles
- Taught campers to create video games using software tools
- Supervised campers in their living spaces

PROJECTS

MapChat   *Fall 2015*
- Built a checkin service with the Google Maps API and node.js + express

Brawliseum   *Fall 2015*
- Created multiplayer top-down sword fighting video game
- Built in JavaScript using the Phaser game development framework

Freelance Crossword Writer   *2007- Present*
- Creates crossword puzzles for *The New York Times* and *Buzzfeed*
- Builds custom crossword puzzles for clients
- Edited puzzles alongside *New York Times* crossword editor *(Summer 2012)*

SKILLS

Git ● Photoshop ● C++ ● VBA ● HTML ● CSS ● JavaScript ● Java ● Python
JSON ● Unity ● node.js + express ● Wireframing ● User Research