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: 3.48/4.00, 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, Discrete Mathematics

Human Factors
Human Factors Product Design, Computer Interface Design, Engineering Psychology
Human-Computer Interaction, Human-Machine System Design, Project Study in Human Systems

Other
Technical and Managerial Communications, Global Product Development, Game Theory,
Advanced Statistics, Calculus I-III

PROFESSIONAL EXPERIENCE

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

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*
- Planned and led program to integrate new member class into the chapter
- Educated new members regarding chapter procedures and values

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

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

Languages: C, C++, Javascript, Python, Java, Bash, Visual Basic, R
Tools: Git, Unity, node.js + express, MongoDB, Bootstrap, JQuery, Drupal, Photoshop, Illustrator
Other: Wireframing, Rapid Prototyping, User Research