

# Ben Pall

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## EDUCATION

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

## RELEVANT COURSEWORK

Web Programming • Human-Computer Interaction • Algorithms • Data Structures •  
Human Factors Product Design • Technical and Managerial Communications •  
Game Development • Global Product Development • Computer Interface Design

## PROFESSIONAL EXPERIENCE

**Tufts University Spatial Cognition Laboratory** Medford, MA  
*Research Assistant* Jan-Aug 2015

- Ran experiments involving mental rotation
- Digitally implemented designs for new experiments

**Devtech Research Group** Medford, MA  
*Research Assistant* Jul 2015

- Observed and analyzed children's interactions with two different programming tools (Kibo, Scratch Jr.)

**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

**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

**Will Shortz, New York Times Crossword Editor** Pleasantville, NY  
*Intern* Summer 2012

- Evaluated whether submitted crosswords were suitable for publication
- Edited clues of submitted puzzles to meet the needs of the newspaper
- Laid out crossword grids on newspaper page in InDesign

## PROJECTS

**MapChat** Fall 2015

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

**Yum** Winter 2016

- Designed user interface for automated frozen yogurt dispensing machine

**Brawliseum** Fall 2015

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

**Yeti** Oct 2015-Present

- Designs user experience for local search mobile app
- Develops app's front end in Swift

**Freelance Crossword Writer** 2007- Present

- Creates crossword puzzles for *The New York Times* and *Buzzfeed*

## SKILLS

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