

Benjamin A. Pusey

CONTACT INFORMATION	(781) 534-5448 bpusey@bu.edu	Boston, MA 02118 https://github.com/moneydance
PROGRAMMING EXPERIENCE	Programming Languages: Python, Java, JavaScript(ES5, ES6, TypeScript), C++, CSS3, Sass, HTML5, SQL Frameworks: AngularJS, Angular2+, Django, Flask, Spring, Express/Nest.js Misc: Node, REST, Elasticsearch, OAuth, RxJS, Webpack, Gulp, OpenCV, Git, Docker	
EDUCATION	Boston University , Class of 2016 Boston, MA <i>BA, Computer Science</i> GPA: 3.44/Major GPA: 3.77 Sep 2013 – May 2016 Completed standard computer science classes in probability, linear algebra, data structures, and algorithms. High-level coursework included topics in queueing/scheduling, concurrency/synchronization, computer networking, software engineering, image/video computing, graph theory, and game theory.	
PROFESSIONAL EXPERIENCE	Fidelity Investments , Boston, MA <i>Associate Software Engineer</i> Sep 2016 – present Worked on internal fund management tools as a full stack software engineer, in an agile shop. <ul style="list-style-type: none">• Completed training in Fidelity's Leap program. Topics included Java, Spring, JavaScript, and SQL.• Assisted in developing a gradual plan to break up our monolithic application.• Helped transition greenfield front-end development to Angular 2+.• Created a micro service for full text search on financial instruments with Elasticsearch.• Developed new RESTful endpoints in Spring. TJX , Marlborough, MA <i>Advanced Threat Assessment Intern</i> May 2015 – Aug 2015 Worked on a small team to develop an internal web application that tracks and buckets new security threats. <ul style="list-style-type: none">• Gathered requirements and developed iteratively to improve and add desired functionality.• Created frontend with AngularJS 1.4.• Developed RESTful API using Python Flask and MongoDB.• The app was packaged in Docker containers and hosted using Gunicorn and Nginx. Downtyme , Boston, MA <i>Software Engineer</i> Oct 2014 – May 2015 Collaborated with a group of students to develop Downtyme, a location-based scheduling app that allowed you to make plans with nearby friends. <ul style="list-style-type: none">• Worked with a team on the backend infrastructure. Created an API and SQL database using Python Django.• Built a mobile website so non-users could view and respond to plans.	
PROJECTS	Tracking NBA Field Goals , Boston University Worked with OpenCV to create an application that tracked basketball and player movement from NBA youtube clips. The application recorded made and missed shots.	
HONORS AND AWARDS	Winner of MIT Enterprise Forums Beantown Throwdown (Downtyme) Deans List	2014 2013 – 2016