

Kellie Dinh

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832-659-4954

Software Engineer, hackNY Fellow '18

Education	B.A. Computer Science at Bryn Mawr College <ul style="list-style-type: none">• GPA 3.5, minor in Growth and Structure of Cities• Coursework: Data Structures & Algorithms, Operating Systems, Systems Programming, Architectural and Urban Design, Linear Algebra, Ethics, Software Engineering (Swarthmore)	Aug 2015 – May 2019						
Experience	Software Engineer Intern at BuzzFeed The leading independent digital media company delivering news and entertainment globally <ul style="list-style-type: none">• Implemented navigation menu for Amazon Prime Day that helped generate \$1M in revenue• Engineered with the Editorial team an internal feature that simplifies the Quiz building process	May 2018 – Aug 2018						
	Product Designer (hackNY Social Good Project) at ScriptEd Nonprofit that provides free web development courses for NYC high school students <ul style="list-style-type: none">• Developed ScriptEd's project gallery website to showcase student work (Flask, SQL, Bootstrap)	May 2018 – Aug 2018						
	Product Design Intern at Bentley Systems Advancing infrastructure through modern and robust software solutions <ul style="list-style-type: none">• Researched and tested user workflows for 3-D printing a model in Microstation• Designed and wrote core geometry libraries for multiple Bentley programs in C++, Typescript• Implemented union-find algorithm to efficiently traverse vertices in a quad mesh to guarantee watertight-ness necessary for 3-D printing	May 2017 – Aug 2017						
	Intro CS Teaching Assistant at Bryn Mawr Computer Science <ul style="list-style-type: none">• Tutor and mentor students in the introductory CS courses and Data Structures and Algorithms• Hold weekly office hours and grade assignments for ~50 students	Aug 2017 – Present						
	Help Desk Technical Lead at Bryn Mawr College LITS Performing technical troubleshooting for the Bryn Mawr community <ul style="list-style-type: none">• Promoted to student manager role after one year as a student technician• Responsible for training new workers and facilitating meetings between staff and students	Aug 2016 – Present						
	Co-Director and Marketing Lead at SisterHacks Hackathon The first hackathon for the Seven Sisters Schools <ul style="list-style-type: none">• Organizing a hackathon from the ground up – manage small teams of students at Wellesley, Barnard, Smith, Mount Holyoke colleges relating to sponsorship, marketing, and workshops• Planning and execution of a weekend-long event for 100 students in the Spring of 2019.	May 2016 – Present						
Workflow	<table><thead><tr><th>Languages</th><th>Tools</th><th>Passions</th></tr></thead><tbody><tr><td>Proficient: Java, C, C++, HTML, CSS, Typescript Intermediate: Python, JavaScript, Processing</td><td>Bootstrap, jQuery, Flask, NodeJS, Heroku Wordpress, Adobe PremierePro, Final Cut Pro, Solidworks, Microstation, Simplify3D, Visual Studio, IntelliJ, Eclipse, Emacs</td><td>Social Justice, Diversity, Media, Internet Culture, Urban Design, Architecture</td></tr></tbody></table>	Languages	Tools	Passions	Proficient: Java, C, C++, HTML, CSS, Typescript Intermediate: Python, JavaScript, Processing	Bootstrap, jQuery, Flask, NodeJS, Heroku Wordpress, Adobe PremierePro, Final Cut Pro, Solidworks, Microstation, Simplify3D, Visual Studio, IntelliJ, Eclipse, Emacs	Social Justice, Diversity, Media, Internet Culture, Urban Design, Architecture	
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Projects	Shelved – September – December 2017, github.com/dinhkellie/Shelved An Android app that helps you keep track of your personal library. Scan books you own by their ISBN's or take a photo of your bookshelf and the app will grab the title from the book's spine (using OCR and OpenCV's shape detection). Keep track of books you want by creating lists and connect with users near you to see books available to borrow. Worked on front-end design and library integration							
	Wiki-to-PPT – February 2018 at FemmeHacks, wiki-to-ppt.herokuapp.com A web app that generates a PowerPoint based on the contents of a given Wikipedia article. Worked on back-end using Node.js, Express, PptxGenJS (PowerPoint generation library), WTF-Wikipedia (Wikipedia scraping library)							