Kiana Jane Khozein

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Education

Brandeis University, Waltham, MA — M.A.T. Secondary Mathematics – Expected July 2018

Brandeis University, Waltham, MA — B.S. Computer Science with Honors — May 2017

- Courses: Honors Thesis in Artificial Intelligence ("Hidden Figures: Using Activation Mapping and Maximization to Visualize Hidden Layers in Convolutional Neural Networks", Jordan Pollack adv.), Operating Systems, SICP, Theory of Computation, Data Structures and Algorithms, 3D Animation, Scientific Computing, Spoken Dialogue in Web Dev.
- Minors: Classical Studies (Member, Eta Sigma Phi Honors Society), Medieval and Renaissance Studies (Undergraduate Departmental Representative)

Work & Internship Experience

Sidekicks, Cambridge, MA — Software Engineering Intern — Summer 2016

- Re-implemented & launched app's registration flow to comply with App Store guidelines using Django Rest Framework & AngularJS frontend

Yale School of Medicine, New Haven, CT — Software Intern (Blumenfeld Lab) — Winter 2015-16

- Rewrote Automatic Responsiveness Testing in Epilepsy (ARTiE) project user interface to unify codebase to Python.

Brandeis University Computer Science Department, Waltham, MA — TA — 2015-17 AY

- Designed and taught individualized lesson plans for groups of beginning computer science students.
- Held office hours and proctored exams

NASA, remote — Open Innovation Program Intern — Spring 2013

- Represented NASA at the International Space Apps Challenge and National Day of Civic Hacking, interviewed hackathon winners, and published reports on open.nasa.gov.

Leadership Experience

Codestellation Hackathon: I am a primary organizer for Brandeis's first and largest hackathon 24-hr hackathon, Codestellation, and have been for the past three years since its inception. My responsibilities have included working in a small team of 5 people to gain sponsorship, provide food for 150+ student hackers, and in all other ways running an event that was attended by students from all over the Boston area.

Skills

Languages: Java, Javascript, HTML5, CSS, Meteor.js, Angular 1, MATLAB, LaTeX
Software: Blender, Google Speech API

Interests

American Sign Language, viola da gamba (2.5 yrs. formal instruction), aviation, quadcopter racing