

Alexander Hadik

Web

www.alexhadik.com
www.github.com/ahadik

Email

alex@alexhadik.com

Phone

(207) 837-2578

Education

Brown University

Sc. B in Computational Biology
Class of 2015

Computer Science/Applied Math

Data Structures and Algorithms,
Probability and Inference,
Bioinformatics, Machine Learning,
Data Science

Engineering

Analog Circuits and Signals

Biology

Genetics, Computational Molecular Biology, Immunology

Skills

Web Development

HTML, CSS/SASS, JavaScript (D3.js, Node.js), MongoDB, Cloud Architecture

Programming

Java, MATLAB, Python, C, Microcontrollers (Arduino, Intel Edison, Raspberry Pi)

Graphics

Full Adobe CS w/ emphasis on Photoshop, Illustrator, InDesign & AfterEffects; Final Cut Pro, Motion

Industrial

Woodshop/Hazmat trained, MIG welding, CNC routing, 3D printing, laser cutting

Design

SolidWorks, Rhino

Fellowships

C.V. Starr Fellowship

Social entrepreneurial fellowship awarded by Swearer Center for Public Service at Brown University

Employment

IBM | 2015 - Present

Front End Developer, UX Designer | *IBM Bluemix*

- Completion of three months design training in IBM Design Thinking.
- Lead UX design and research process for IBM Bluemix Storage services.
- Contributor of prototype and production code for Bluemix Storage consoles.

Advocate | 2014 - 2015

Co-Founder

- Co-founded venture providing marketplace for community service opportunities for High School students and associated analytical tools to non-profits.
- UI/UX Design & web app development for beta release for 100+ users.

IBM | Summer 2014

Software Design Intern | *IBM Design*

- Worked with intern team to develop a mobile product for the retail space.
- Focused on project management, user experience and front end development.

Brown University Computer Science | 2013 - 2015

Teacher's Assistant | *Algorithmic Foundations of Computational Biology*

- Designed assignments and testing suites in parallel with course material.
- Helped students with material comprehension.

Teacher's Assistant | *Designing and Developing UI*

- Led class critiques, gave instruction to students on methods and process of design, evaluated work.

Teacher's Assistant | *Computational Cognitive Science*

- Assisted students with computational techniques of Cognitive Science.

Rapt Media | Summer 2012

Design Intern | *www.raptmedia.com*

- Implemented functional specification process.

Research

Brown University | Summer 2013

Dr. Erica Larschan Lab | *Computational Biology; Bio-Chemical Laboratory*

- Identification of male X-chromosome during Drosophila dosage compensation.
- Computationally modeled differential gene expression and genomic protein binding patterns in Drosophila.

Leadership & Engagement

A Better World by Design | 2011 to 2014

Co-Chair | *www.abetterworldbydesign.com*

- Oversight of 20 member planning committee and successful execution of sold out three-day conference with 1000 participants.
- Leader of 8 person paid team over summer of 2013, organizing media, finance, and logistics of conference.
- Assisted in design and development of full website relaunch.