

Aditi Ashok

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EDUCATION

TUFTS UNIVERSITY

B.S IN COMPUTER SCIENCE

MINOR IN COGNITIVE AND BRAIN SCIENCES

Expected May 2016 | Medford, MA

THE HARKER SCHOOL

Grad. May 2012 | San Jose, California

LINKS

Github:// [aditiashok](#)

LinkedIn:// [aditiashok](#)

COURSEWORK

COMPUTER SCIENCE

Web Programming

Human-Computer Interaction

Computational Theory

Machine Structure and Assembly

Language Programming

Programming Languages

Algorithms

Object Oriented Programming for GUIs

Data Structures

MATHEMATICS

Discrete Math

Introduction to Linear Algebra

Multivariate Calculus

COGNITIVE SCIENCE

Introduction to Cognitive and Brain Sciences

Senior Seminar in Cognitive and Brain Sciences

Introduction to Linguistics

Logic

Language and Mind

SKILLS

TECHNICAL

Proficient:

C++ • C • JavaScript

HTML/CSS • Objective-C

Familiar:

Java • Python • Swift • \LaTeX

DESIGN

Adobe InDesign • Adobe Photoshop •

Adobe Illustrator • Photography

EXPERIENCE

INTREPID PURSUITS | MOBILE IOS DEVELOPER APPRENTICE

June 2015 – Aug 2015 | Cambridge, MA

- Worked on Bridj, a client project involving iOS development in Objective-C, alongside full-time employees
- Completed an apprentice capstone project to build an iPhone application from start to finish.

TUFTS UNIVERSITY DEPARTMENT OF COMPUTER SCIENCE | TEACHING ASSISTANT

Jan 2014 – May 2015 | Medford, MA

- Held office hours, aided in lab sections, and graded assignments for Introduction to Computer Science (COMP 11)

TUFTS UNIVERSITY LABORATORY FOR PLAYFUL COMPUTATION | RESEARCH ASSISTANT

Jan 2015 – May 2015 | Medford, MA

- Aided with the development of Blocky Talky, a project to help youth learn about parallel and distributed computing.

TUFTS CENTER FOR ENGINEERING EDUCATION AND OUTREACH | MAKER INTERN

June 2014 – Aug 2014 | Medford, MA

- Learned to use maker technologies and techniques such as microprocessing devices (Arduino, Espruino) 3D printers, laser cutters, robotics, and stop-motion animation
- Planned and ran workshops for K-8 students and teachers at the Cambridge Friends School
- Completed design tasks to improve to Makerspace at Cambridge Friends School

PROJECTS

CITY MIX | INTREPID PURSUITS

June 2015 – July 2015

Worked in a team to develop a mobile iOS application in Objective-C that allows users to experience the musical scene of a city by drawing on current concert data.

COOKTOGETHER | TUFTS UNIVERSITY - WEB PROGRAMMING

Mar 2015 – May 2015

Developed website for collaborative recipe generation, coded primarily in HTML/CSS and JavaScript, using Flask and MongoDB for the backend.

JUMBO BITES | TUFTS UNIVERSITY - HUMAN-COMPUTER INTERACTION

April 2014

Created a medium fidelity prototype of a late night dining mobile application for college students.

ORGANIZATIONS

Enigma: Tufts Independent Data Journal (Developer) • Tufts Association of South Asians (Webmaster) • DREAM: The Village Mentoring Organization • Tufts Women in Computer Science • Kappa Alpha Theta