

ROB LASELL

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EDUCATION

Tufts University – *Medford, MA*

Master of Science in Computer Science, 2016

GPA: 3.71

Bachelor of Science in Biology, 2014

GPA: 3.63

Relevant Courses

Computer Security, Programming Languages, Algorithms, Data Structures, Database Systems, Machine Structure and Assembly Language Programming, Computational Theory, Web Programming, Internet-Scale Distributed Systems, Data Visualization, Discrete Math

Example Projects

Titanic Visualization

- An interactive data visualization about the Titanic disaster, written in Java (Processing) and converted to JavaScript (Processing.js).
- Can be viewed online at roblasell.github.io/visualizations/titanic.html

EXPERIENCE

Tufts University CS Department – *Teaching Assistant* – Medford, MA – September 2014 - Present

- Tutored students in *Introduction to Computer Science*
- Provided individual instruction in data structures and programming practices
- Planned and held office hours

Tufts JumboCode – *Project Lead (Volunteer)* – Medford, MA – September 2015 - Present

- Designed a responsive web app to provide mentors in the DREAM mentoring program with information and services related to their mentees
- Managed a team of undergraduates building the app and communicated with the client

Epic Systems – *Software Development Intern* – Madison, WI – Summer 2015

- Developed an iOS app from scratch as part of a team of three interns
- Designed the front end collaboratively with the other interns
- Designed, built, managed, and interfaced with the back end of the app, including the SQLite database and Objective C infrastructure
- Improved the performance of the database and the app

SKILLS

Languages

C++, C, Java, Objective C, HTML/CSS, JavaScript, SQL (PostgreSQL, SQLite)

Technologies

Git/SVN, iOS, OSX, Linux, MongoDB, Heroku, Node.js, Processing