Deanna Bessy

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EDUCATION

Tufts University, Medford MA

Bachelor of Science in Computer Science, May 2017

Relevant Coursework: Introduction to Algorithms, Concurrent Programming, Computational Theory, Databases, Web Programming, Programming Languages, Discrete Math, Machine Structure & Programming, Data Structures

SKILLS

Databases: MongoDB, PostgreSQL

Software: DDD, Eclipse, GDB, Git, GitHub, Heroku, NetBeans, Node.js SPSS, Valgrind, VMware

Languages: Bash, C, CSS, C++, Erlang, HTML, JavaScript, LaTeX, Lisp (Scheme), Python, Standard ML, x86 Assembly

Operating Systems: Linux/Unix, OS X, Windows

EXPERIENCE

Tufts Department of Computer Science, *Teaching Assistant*　　　Jan. 2015 – Current
- Instruct labs based in C++
- Teach students basic programming, debugging, and problem-solving skills
- Assess students' assignments and exams

SeaStreet Technologies Inc., *Software Development Intern*　　　May 2016 - Aug. 2016
- JavaScript development for network management portal
- Work with Ant build files, Eclipse, JavaScript, Jenkins, Jetty, RTC

Tisch Sport & Fitness Center, Medford, MA, *Gym Supervisor*　　　Sept. 2013 – Dec. 2014

PROJECTS

Limitlist　　　Sept. – Dec. 2015
- Work with team creating Limitlist, a SoundCloud-based playlist creator
- Implemented front-end HTML, CSS, and JavaScript across entire site
- Implemented user login system and genre popularity graphing using various APIs

Image Processing in C　　　Feb. 2015
- Implemented program to remove black edges from image documents of photocopies
- Implemented program to process a sudoku board and determine if solved correctly

ACTIVITIES

Tufts Mountain Club, *Hiking Director*　　　Dec. 2015 – Present

Tufts Mountain Club, *Trip Leader*　　　Sept. 2014 – Present

Tufts PolyHack Hackathon, *Mentor and Team Leader*　　　Oct. 2016

Tufts Wilderness Orientation, *Support Staff/Trip Leader*　　　Mar. 2014 - Aug. 2016

Tufts PolyHack Hackathon, *Web Programmer*　　　Oct. 2015

Tufts Sustainability Collective, *Executive Board Member*　　　Jan. 2014 – May 2015