

ELIZABETH DIELENTHEIS

SOFTWARE ENGINEER

SUMMARY

Software engineer with **professional training in full-stack web development** and strong **problem-solving and interpersonal skills**. Passionate about creating powerful, impactful products and user experiences with full-stack JavaScript or whatever tools the job calls for, whether on the **front-end or back-end**. Proven track record of **learning on my feet** while pushing projects through to completion alongside a diverse team of software engineers.

CONTACT

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🐙 github.com/Dielentheis

SKILLS

Experienced: JavaScript, Express, Node, Angular, Sequelize, PostgreSQL, HTML, Git/Github, jQuery,

Test-Driven Development

Working Knowledge: C++, SCSS/CSS, Gulp, Socket.io, Tessel, Jasmine, Mocha, Chai, Bootstrap, Material Design

Learning: React, Redux

EDUCATION

Grace Hopper at Fullstack Academy 2016

Immersive 17-week software engineering bootcamp in NYC

Tufts University B.S. Cognitive and Brain Sciences 2016

Relevant Courses: Intro to Computer Science, Data Structures, Human-Computer Interaction
GPA: 3.6, cum laude
Study abroad in Denmark, Spring 2015

ADDITIONAL SKILLS

Nationally Registered EMT
Registration #E3231759

Proficient in French

PROJECTS

"Plont" | Full Stack Engineer (team of 4) | [github](#) | [deployed](#)

- Web app to create, maintain, and optimize garden layouts based on local weather, space, sun, and plant needs
- Sends **text notifications** to user through Twilio API
- **Responsibilities:** algorithm design & implementation, schema design, back-end routes & API, state controllers, front-end rendering
- Built with JavaScript, Express, Node, Angular, Sequelize, Twilio, Material Design

"Don't Tell Me" | Sole Engineer | [github](#)

- Chrome extension that blocks Game of Thrones spoilers from user's Facebook News Feed
- Available in the Chrome Web Store - goo.gl/v7i6Q3
- Built with chrome.* APIs, JavaScript, jQuery, HTML5, CSS3

"Mood Lighting" | Sole Engineer | [github](#) | [video demonstration](#)

- **Chat application** that changes color and saturation of Philips Hue light bulbs depending on the **emotional analysis** of messages
- Saturation is determined by the strength of the emotions in each message (neutral message = less vibrant hue)
- Won **"Spotlight" award** at [Developer Camp 2016 Hackathon](#)
- Built with JavaScript, PubNub, Philips Hue Lights, Watson AlchemyLanguage API

EMPLOYMENT

Research Assistant

Tufts Center for Reading and Language Research

Medford, MA

Oct 2015 to May 2016

- Collaborated with MIT to **create classroom robot** to improve children's language skills
- Identified and classified key indicators of child's speech maturity level and linguistic capability using the Index of Productive Syntax

Programming Fundamentals Teaching Assistant

DevTech Research Group

Medford, MA

Sep 2014 to Dec 2014

- Taught **computer programming fundamentals** to low socioeconomic status second graders using iPads and ScratchJr, an app which allows children to explore concepts like modularity, repetition, and sequencing through **game creation and storytelling**

Jumpstart AmeriCorps Member

Tufts Jumpstart

Medford, MA

Sep 2012 to Aug 2013

- Served 2 AmeriCorps terms through teaching curriculum oriented towards language development in low-income preschools