LAURA NEFF

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SUMMARY

Full-stack software developer with a solid foundation in building websites incorporating databases and APIs as well as skills in native programming from building interactive Java programs for employers.

EDUCATION

Emory University, B.S. Computer Science Major, Class of 2021, 3.6 GPA.
Kinnelon High School, Class of 2017, Top 5% Rank.

TECHNICAL SKILLS

Java, Javascript, Python, Node.js, React.js, Express, MongoDB, MySQL, jQuery, HTML5, CSS3, Firebase, Heroku, Bootstrap, Chai.js, Mocha.js, R

Full-stack Software Developer Certificate, Columbia University School of Engineering, NY, 2019.
A 12-week program focused on gaining technical programming skills and building end-to-end applications. Program accepted only 5% of 12,000 students.

Emory Business Institute Program Certificate, Goizueta Business School, 2018, 3.7 GPA.
Focused in operations management, marketing, strategy, finance, communication, accounting, and data management in social media, invention development, technical writing, and entrepreneurship.

PROJECTS

Modern Tamagotchi-style Video Game developed in Java using the ACM Graphics Library.

github.com/Laura-Neff/ Modern-Tamagotchi-Game

Bootstrap + jQuery Web App for finding recipes and meals at nearby restaurants that incorporate a certain ingredient, using the Yelp, Google Maps, and Edamam APIs.

github.com/Laura-Neff/ IN-OR-OUT

Express.js Financial / Investing Web App that helps users better track, invest, and save their money, incorporating JS unit tests.

github.com/Laura-Neff/ Project2-1

WORK EXPERIENCE

Her Campus Media – Internship   Sept 2019 - Present
Global online media company with 1600+ employees and 33+ million visitors.   Remote

CS Developer and Technology Advisor   January 2019 - May 2019
Emory University

Brainstormed and executed different ways to use technology to enhance the learning experience of computer science and math students at Emory. Examples including the design and implementation of a Java trig wheel coordinate game as well as a series of Calculus videos.

Donation Coordinator for Emory Telefund   January 2019 - April 2019
Emory University

Fundraised a lot of money for the computer science department specifically and other funds by communicating with alumni, parents, and friends to secure donations.

Treasurer, Secretary, and Technology Article Editor and Writer   October 2017 - Present
Her Campus Media

Held various positions of increasing responsibilities that included collecting dues and tending to financial matters for the Emory chapter, setting up meetings and events, managing deadlines for articles, and writing and editing articles. Currently holding the position of treasurer.

Member of Emory Media Council   Sept 2019 - Present
Emory University

Regulate and cultivate quality student-produced publications and other forms of media. Organization governs and represents all student media organizations at Emory.

VOLUNTEER EXPERIENCES

Volunteer Math and Science Tutor   Mar 2019 – Present
STEMinists at Emory University   Atlanta, GA

Up to 6 hours per week – tutoring high school students on a one-on-one basis.

PATENTS AND PUBLICATIONS

- **US Patent Application 15/256,673.** Neff, Laura. "Instructional Content Generation for the Challenged." 2016.
- **US Patent Application 16/166,121.** Neff, Laura. "An Intelligent System and Method for Immersive Interactive Media Creation." 2018.
- **US Patent Application 16/172,781.** Neff, Laura. "Intelligent Model for Instructional Content Generation." 2018.

HONORS AND AWARDS

- Member of Alpha Upsilon Epsilon Honor Society per performance at Emory
- Emory University Dean's List - 2017 and 2018

LANGUAGES SPOKEN

English (native); French (fluent); Spanish (working knowledge)