Timothy Robert-Fitzgerald

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EDUCATION

Oberlin College, Oberlin OH
B.A. in Computer Science and Politics (expected May 2019)
Relevant Coursework: Data Structures, Systems Programming, Programming Abstractions, Computer Architecture, Algorithms, Artificial Intelligence, Machine Learning and Data Mining, Privacy and Social Networks, Computer and Information Security

SKILLS

Languages: C, C++, Java, Python, Scheme, Rust, PHP, JavaScript, SQL, HTML/XSLT, CSS/SCSS, shell scripting
Other Technologies: Symfony, Lucene, d3.js, node.js, TensorFlow, Docker, Apache/nginx

EXPERIENCE

Web Developer at Environmental Dashboard   May 2016 - Present
Environmental Dashboard (environmentaldashboard.org) makes the invisible flows of water and electricity through communities visible and engaging. After joining at the end of my freshmen year, I spent 3 summers (40 hours per week) and 6 semesters (10 hours per week) working on the project, the latter half of which I worked as team lead with other student programmers. As a full stack web developer, my responsibilities included building and deploying web apps as well as managing database and server systems.

- 1,000+ commits on GitHub: *github.com/EnvironmentalDashboard*
- Website has over a thousand unique monthly users and growing
- Installed on kiosks across Oberlin as well as <u>local cable channel 10</u>; expanding to Toledo, Akron public schools, the Great Lakes Science Center, Cleveland 2030, the Mayor's Office of Sustainability and the North East Ohio Sewer District
- Built a popular community calendar for Oberlin at *environmentaldashboard. org/calendar/*, which other organizations feature in their website (see <u>Ben Franklin</u>, <u>Oberlin Business Partnership</u>)

Internship at Pulse Insights   Summer 2018
Pulse Insights is a quickly growing startup that helps corporate clients gather actionable data through embeddable feedback surveys. During my internship I wrote a Google Chrome browser extension and designed surveys for large corporate clients, including Benjamin Moore and Transunion.

Independent Projects
I worked as a freelance web developer, creating production websites:

- For Catharina Meints, a professor in the Oberlin Conservatory of Music: *catharinameints. com*
- For Veterans For Peace: *educationnotmilitarization.org*

Awards

- Bonner Center Award for Student Excellence in Community Engagement.

REFERENCES

References available upon request.