

# William M. Thomas

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## Education

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### **Northeastern University - Khoury College of Computer Sciences**

*Boston, MA*

*Dec 2021*

- Bachelor of Sciences in Computer Science and Philosophy
- 3.68 GPA, Dean's list Fall 2017, Spring 2018, Fall 2018
- Coursework: Object Oriented Design, Algorithms and Data, Database Design, Statistics and Software

## Technological Skills

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- Languages: Java, SQL, Vue.js, React, Javascript, Typescript, HTML, R, Python
- Technologies: Microsoft Excel, Word, Powerpoint, Outlook, Git, Trello, Salesforce

## Relevant Experience

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### **Projector PSA, Software Engineering Coop**

*Boston, MA: Jan 2020 - Jun 2020*

- Architected and implemented a web interface to streamline the creation of engagements, contracts, and projects using React, Redux, and CSS Modules
- Collaborated with developers, quality assurance engineers, and designers to define project objectives
- Developed reusable components and behaviors to quickly develop complex web interfaces using React

### **Code 4 Community, Contributing Software Engineer**

*Boston, MA: Sep 2019 - Ongoing*

- Implemented front-end of the Speak for the Trees block tracking application and the new Code 4 Community club website with Vue.js and ancillary libraries, including Vuex and Vue Router
- Practiced Agile software development methodology to continuously improve understanding of projects and encourage collaboration with teammates
- Investigated and integrated map functionality for Speak for the Trees using the ArcGIS Javascript API

### **Enel X, (Coop) Demand Response Program Operations Intern**

*Boston, MA: Jan 2019 - Jun 2019*

- Designed an R script to compile customer baseline electric usage data to generate the megawatt equivalent of 4 fossil fuel power plants
- Executed data quality checks with a version of SQL to discover correct anomalies for hundreds of customers to prevent penalties and non-standard payments
- Maintained an open line of communication to collaborate with internal teams and external utility companies through various interfaces

## Other Experience

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### **Office Depot, Sales Associate**

*Seattle, WA: Jul 2019 - Aug 2019*

- Accumulated hundreds of dollars in donations to title 1 schools; led the branch in paper donations
- Managed retail duties such as cashiering, stocking, and clienteling to ensure the best customer experience

### **Roosevelt Institute at Northeastern, Steering Committee Member**

*Boston, MA: Sep 2018 - Apr 2019*

- Composed policy proposal to improve voter turnout among lower income residents of Massachusetts
- Facilitated club activities by creating meeting agendas, designing presentations, and communicating with Northeastern student government and the Roosevelt National Network

## Other Skills

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- Spanish (elementary), Problem Solving, Time Management, Communication
- Roosevelt High School AP Scholar with Distinction