

## TECHNICAL SKILLS

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<b>Programming</b>	Java, TypeScript, JavaScript, Python, C++
<b>Web Development</b>	Angular, React, Vue, Flask/Jinja2, DevExtreme, SCSS, Bootstrap, jQuery
<b>Toolsets &amp; Database</b>	Git, Jenkins, Swagger, JUnit, Robot Framework, Jira, MongoDB, PostgreSQL, Firebase

## PROFESSIONAL EXPERIENCE

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**Software Engineer** May 2022 - present  
Target Minneapolis, MN

- *To be updated*

**Software Engineer** Jun 2021 - May 2022  
Open Systems International (an Emerson Company) Medina, MN

- Implement internal full-stack applications to control and visualize components for the electrical power grid made with custom RESTful APIs; build with Java, MongoDB, Angular, DevExtreme, JUnit, and Selenium tests
- Collaborate with a 5-member team to deliver exceptional results in a Scrum/Agile project development

**Office Manager & Developer** Jan 2017 - May 2021  
JB Auto Body Repair & Towing Burnsville, MN

- Design, implement, & host [JBAutoBodyRepair.com](http://JBAutoBodyRepair.com); generate internal software applications
- Manage files, documents, and employees as well as supporting customers

**Full-stack Developer** Sep 2019 - Dec 2019  
Hawaii Annual Code Challenge, Semi-finalist Honolulu, HI

- Develop a full-stack solution, for a government solar financing program, focusing on automating the application process and communication between customers, contractors, and the Hawaiian Electric company
- Present to an audience of 100+, including the Governor of Hawaii; [GitHub.com/Green-Loan-Portal](https://github.com/WileyBui/Green-Loan-Portal)

**AVID Program Tutor** Sep 2017 - Apr 2021  
Burnsville-Eagan-Savage School District 191 Burnsville, MN

- Guide students in STEM & Computer Science courses and communicate student growth to teachers

## EDUCATION

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**Master of Science in Computer Science** (upcoming) Sep 2022 - present  
College of Computing, Georgia Institute of Technology: *Computing Systems* track

**Bachelor of Science in Computer Science** Sep 2017 - May 2021  
College of Science and Engineering, University of Minnesota - Twin Cities GPA: 3.67

## RELEVANT PROJECTS

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**Animal Watch** | [GitHub.com/WileyBui/Animal-Watch](https://github.com/WileyBui/Animal-Watch) Jan 2021 - May 2021

- Make major decisions for full-stack designs and implementations for sighting & reporting endangered species; program in Flask/Jinja2, PostgreSQL, Auth0, Google Maps API, and Bootstrap 5.0; demo: [youtu.be/8DiuKkIOlik](https://youtu.be/8DiuKkIOlik)

**Package Delivery System** | [GitHub.com/WileyBui/Package-Delivery-System](https://github.com/WileyBui/Package-Delivery-System) Jan 2021 - May 2021

- Construct robot and drone package delivery system simulation with different design patterns and data structures & algorithms in a 5-member team; program in C++

**Trip Together** | [Google Drive folder](#) | [Github.com/WileyBui/TripTogether](https://github.com/WileyBui/TripTogether) Jan 2020 - May 2020

- Program traveling-plan app for iPhone and Android devices in React Native to create and assign trip roles, locations, survey arrangements, schedule timeline, and progress tracker in a 5-member team

**Additional Projects** | [wileybui.com/projects](http://wileybui.com/projects)