

Gabriella Miesner

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EDUCATION

University of Missouri <i>B.S. in Information Technology</i>	August 2021 - May 2024
Missouri University of Science and Technology <i>Relevant Coursework: Web Development, Java 1</i>	August 2020 - May 2021 3.6/4.0
LaunchCode <i>JavaScript and Java Bootcamp</i>	July 2019 – July 2020

EXPERIENCE

Software Engineering Intern <i>Union Pacific</i> <ul style="list-style-type: none">Decreased manual ticketing processes by redesigning existing ticketing system using principles of user flow in a 16 page interactive Figma prototypeImplemented more efficient ticketing process by developing responsive Angular front end applicationReduced user friction in ticketing process by implementing term and date search using JavaScriptDecreased response time by creating helper methods to pull and parse JSON data from back-end, lowering number of items stored on front end	May 2021 – August 2021
Chapter Director <i>TechTogether Chicago</i> <ul style="list-style-type: none">Coordinated TechTogether Chicago's first hackathon and the largest gender-focused hackathon in ChicagoLed monthly meetings with cross-functional teams of 14 organizers to ensure event attendance, fundraising, diversity, and programming goals were met	March 2021 – Present
Teaching Assistant <i>LaunchCode</i> <ul style="list-style-type: none">Debugged JavaScript, HTML, CSS, and Java code with 22 students during 2 weekly classes and 4 weekly office hoursGraded weekly programming assignments and provided feedback on codeMaintained engagement levels in students, keeping enrollment and graduation rates of students even with pre-COVID in-person statistics	December 2020 – Present
Computer Science Summer Institute Student <i>Google</i> <ul style="list-style-type: none">Developed a web based single-player game using the p5.js library by implementing JavaScript code to generate enemy cells at random intervals, p5.js code to style player and enemy cellsDebugged JavaScript code efficiently, allowing for decreased friction in user experience	July 2020

PROJECTS

Neurosight <i>Python, Matplotlib, Pandas</i> <ul style="list-style-type: none">Generated dummy test score data using Python<u>Visualized</u> dummy data in auto-updating plots using Matplotlib and PandasSelected as winner out of 54 projects at TechTogether New York	December 2020
MizTier and MSTier <i>JavaScript, Puppeteer</i> <ul style="list-style-type: none">Scraped data off of the University of Missouri and Missouri University of Science and Technology's course catalogues, using Puppeteer, in order to create course information JSON filesRefactored existing React project to create tier-ranking websites for the <u>University of Missouri</u> and <u>Missouri University of Science and Technology</u> courses	Spring 2021

TECHNICAL SKILLS

Languages: HTML/CSS (Bootstrap), JavaScript (Angular, Node.js, Nebular), Python (Matplotlib, Seaborn, Pandas)
Tools: Figma, Git, Jupyter Notebook, XD