Matthew Daly

(267) 916-6687 • hello@mattdaly.xyz • https://www.linkedin.com/in/matthew-daly-cs/

EDUCATION

University of Rochester   **Rochester, New York**
Bachelor of Science, Computer Science   *Anticipated May 2024*
- GPA: 3.55 out of 4.00
- Dean's List (Fall 2020, Spring 2021)

PROGRAMMING EXPERIENCE

RocLab   **Rochester, New York**
Full-Stack Developer   *October 2021–February 2022*
- Developed backend application using Python, Flask, and MongoDB.
- Built frontend components using React and Bootstrap.
- Collaborated with small team to meet evolving budget and time constraints.

EMPLOYMENT

Burn Brae Day Camp   **Dresher, Pennsylvania**
Computer Science Instructor   *May 2019–August 2019*
- Designed pilot beginner Python curriculum for elementary and middle school students.
- Instructed two classes of 5-10 students for 8 weeks.
- Trained another counselor to teach the course in the future.

PROJECTS

CRTjs
- Developed web app for interactive graphics and visualization experiments using React.
- Implemented features including "hot reload" and autosave.
- Designed simple API for Javascript canvas to make graphics programming more accessible.

Maple
- Used C# and .NET Core to develop a terminal-based code editor.
- Implemented customizable syntax highlighting with Regular Expressions.
- Published project as open-source software on GitHub.

ProspectorTuck.com Website and Brand Identity
- Worked with a small business owner to design website, reaching >2,000 unique visitors daily.
- Developed responsive and interactive site with HTML, CSS, and JavaScript.
- Designed refreshed brand identity including logo and wordmark to accompany website.

ACTIVITIES

Google Developer Student Club   *September 2020–Present*
- Gain experience with real-world technologies like Git, Flutter, and more
Video Game Development Club   *September 2020–Present*
- Participate in timed, game-making competitions both individually and in groups.
- Develop games using technologies like MonoGame/XNA and Java Swing.
Design Club   *August 2021–Present*
- Participate in design workshops and receive feedback on design work

SKILLS

Javascript, React, NextJS, Java, C#, C, Python, Flask, HTML & CSS, Git