

Olivia Wirsching

CONTACT

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PERSONAL WEBSITE

owirsching.github.io/

SKILLS

Java
Python
HTML / CSS
Git
GitHub
Visual Studio Code
Eclipse
User Experience Design

LANGUAGES

English (Fluent)
Italian (Intermediate)
Spanish (Intermediate)

INTERESTS

Full Stack Development
Data Science
Graphic Design

EDUCATION

Bowdoin College • Exp. May 2024 | Brunswick, ME
B.A. Computer Science and Mathematics | GPA: 3.887
Relevant Courses: Algorithms, Data Structures, Linear Algebra, Multivariate Calculus
Awards: National Merit Scholarship
Mount Saint Joseph Academy • 2016 - 2020 | Flouertown, PA

PROJECTS

Lexicon, Helicon, Lexical | Data Structures, Java | April 2021

- Coded an advanced word processor that suggests spelling corrections, uses regular expression for word matching, and implements a interface representing a Lexicon
- Utilized recursion, tree structures, OOP, layered abstraction, node manipulation in tries, and iterators

Super Sudoku Solver | Data Structures, Java | March 2021

- Coded program that solves any Sudoku puzzle by traversing the board in order and filling in the blank spaces with digits that fit the given constraints of the puzzle
- Implemented OOP, stacks, array dequeues, two dimensional arrays, and backtracking

Colmar Academy | Personal Project, HTML, CSS, Git, GitHub | January 2021

- Self taught HTML, CSS, Git, GitHub, and Visual Studio Code through online learning
- Created interactive first page for a fictional school implementing responsive design and advanced CSS techniques

WORK EXPERIENCE

Social Media Coordinator | Change Catalyst | May 2021 - August 2021

- Gained professional experience collaborating with the CEO and Director of Marketing on increasing online engagement
- Demonstrated strong communication skills and understanding of responsibilities while pitching marketing campaigns
- Engaged in DEI education to understand the importance of DEI to the tech industry

Marketing Associate | Community First Abstract | June 2020 - August 2020

- Directed redesign of corporate communications to facilitate comprehension and readability for clients
- Assisted in upgrading business website and shaping brand identity to reflect the company's core values

EXTRACURRICULARS & LEADERSHIP

Bowdoin Women in Computer Science (BWICS) | Bowdoin College | September 2021 - Present

- Work with fellow students to create an empowering environment to increase female involvement in the tech industry

Social Media Editor of the Bowdoin Orient | Bowdoin College | September 2020 - Present

- Direct team of 6 to generate daily social media content across Instagram, Twitter, and Facebook
- Increased Instagram account following by 50% in the 2020-2021 school year

Women's Varsity Golf | Bowdoin College | September 2020 - Present

- Dedicate 25 hrs/week to training, demonstrating effective time management by balancing athletic, academic, and extracurricular commitments
- Lead Bowdoin team scoring 3 out of 5 events

Bowdoin Student Athlete Advisory Committee | Bowdoin College | September 2021 - Present

- Selected to serve as a representative for DIII student-athletes to communicate student athletes' interests to college administration and athletic department leadership

Girls Varsity Golf | Mount Saint Joseph Academy | September 2016 - October 2019

- Led team to the PIAA Girls Golf State Championship with the team low score
- Four time PIAA Girls Golf State Championship Qualifier and two time ACAA Individual League Champion
- As team captain, coordinated practice sessions, provided insight and guidance to younger players, and built camaraderie and spirit throughout the team