

David Mehedinti

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TECHNICAL SKILLS

Programming Languages: Java, C#, Swift, C++, TypeScript/JavaScript, Python, HTML, CSS

Development Software: Visual Studio, Xcode, Visual Studio Code, Git SCM, Github

Other Notable Software: Sketch, Firebase, Adobe Xd, Adobe Illustrator

Other Skills: Agile development, excellent communication, leadership, project management, planning

EDUCATION

Bachelor of Science in Computer Science and Software Engineering

December 2020

University of Washington Bothell | Bothell, WA

ACADEMIC PROJECTS

Capstone/Personal Project — Tennis Micro Social Network App

Autumn 2020

An iOS app for tennis players that provides features and services tailored for the sport.

- Programmed an iOS client with Swift and SwiftUI, and a backend with Firebase and TypeScript
- Year-long project created with best practices, and experienced the full software development lifecycle both individually and with a team
- Lead developer for code implementation and software design
- Contributed as a Project Manager to majority of the agile sprints

BioMF, Web App for Grochow-Kellis Algorithm — Bioinformatics Algorithms

Spring

A web app that implements the Grochow-Kellis to find network motifs

- Written in C#, HTML, CSS (Exists on Github)
- Created a user interface for an open source motif detection algorithm
- Used the bleeding edge framework Blazor that converts C# business logic to Javascript byte-code using the WebAssembly standard

Graph — Data Structures, Algorithms, and Discrete Mathematics II

Winter

- Written in C++ (Exists on Github)
- Implemented a graph class that can read graph txt files and apply breadth-first search, depth-first search, and Dijkstra, on undirected and directed graphs

VOLUNTEERING

Member, Association for Computing Machinery (ACM)

2019-2020

- Attended guest panels from the CS industry and other special events
- Participated in group programming challenges and practice
- Met with club officers to discuss ACM plans and work on assignments

Hospital Volunteer, Del. Webb Hospital, Sun City West, Arizona

2011-2014