Bilal Zahory

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EDUCATION

NORTHERN VIRGINIA COMMUNITY COLLEGE
A.S. in Computer Science
December 2020 | Sterling, VA
Magna Cum Laude
GPA: 3.7 / 4.0

ACADEMIES OF LOUDOUN
High School Diploma (Computer Science Track)
June 2020 | Leesburg, VA

LINKS

Github:// BZahory
LinkedIn:// bilal-zahory-94a015173
Personal Website:// https://bzah.bz/

COURSEWORK

UNDERGRADUATE (LINKED)
Multivariable Calculus
Discrete Math
Differential Equations
Linear Algebra
Computer Science I & II (Both in Java)

HIGH SCHOOL
Machine Learning (Tensorflow, Keras in Python)
Web Development (HTML, CSS, JS)
App Development (React Native, Flutter)
Agile/Scrum
AP Computer Science A (Received a 5 on the exam in 2018)
AP Calculus AB & BC (Received a 5 on both exams in 2019/2020)

SKILLS

PROGRAMMING
> 5 years:
Java • Python • JS
> 3 years:
HTML • CSS • React.JS

GENERAL
Writing/Verbal Communication
Active Listening
Public/Group Speaking
Empathy

EXPERIENCE

BUZZ SECURITIES | Founder + Chief Software Engineer
March 2021 - Present | Sterling, VA
- Developing a group crypto trading platform using React Native (React.JS)
- Created flow charts and wireframes during an earlier concept phase
- Currently working on the front end of the app using React Native
- Planning on using AWS and Spring/Java for the back end
- Access to the flow charts, wireframes, notes, and private repository are all available upon request via email

CODER KIDS INC. | Computer Science Teacher
August 2019 – March 2021 | McLean, VA
- Taught Web & App Development to K-8 students
- Managed small classes (<12 students) by myself
- Managed larger classes in a team environment with other instructor(s)

PROJECTS (LINKED)

RESTAURANT WEB APP | Spring/Java, AWS, HTML, CSS, JS, Tomcat
October 2021
- Created a fully-functional AWS-hosted web app
- Allows for a restaurant's customers to know when their orders are ready
- Spring/Java is used for the back end
- HTML, CSS, & JS is used for the front end
- Tomcat was used for testing and building

SCHOOL WEBSITE | HTML, CSS, JS
March 2019 – April 2019
- Created the best website out of 50 teams at the Academies of Engineering and Technology
- Worked with a partner to develop a single-paged mobile-friendly website that provides information about our school's computer science track
- I was personally responsible for adding a parallax effect, creating a contact form that auto-fill's the user's default email, and incorporating lazy loading
- Google Chrome's Lighthouse was used to find time-efficient ways to optimize the site

PERSONAL WEBSITE | HTML, CSS, JS
October 2018 – Present
- Created a single-paged mobile-friendly personal website
- Presented my qualifications and background as a programmer, while following basic UI design principles
- JavaScript was used to add a parallax effect, expanding text boxes, simple navigation, and other small features

SCOLIOSIS DESIGN CHALLENGE | Public Speaking, Teamwork, Problem Solving, User Empathy
January 2017 – May 2017
- Received 3rd place out of 29 groups for a Shark Tank styled competition for K2M, a company researching engineering-based solutions for scoliosis
- Presented our findings to over 150 students, the K2M staff, and Congress Representative Barbara Comstock