

Muchen Zhang

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EDUCATION

Georgia Institute of Technology, College of Computing

Atlanta, GA

BS, Computer Science: GPA: unknown

June 2025

- Relevant Coursework: Intro to Object Oriented Programming (in progress)

Dubai American Academy

Dubai, UAE

International Baccalaureate Program

June 2021

- Founder of The Coding Club; High honors with distinction in years 2019-2021

PROJECTS

Personal Website | *HTML/CSS, JavaScript*

March 2020 – Present

- Developed a website with up to 300 daily views from scratch without frameworks or APIs
- Refined and redesigned 3 versions of the frontend layout
- Actively updating the website

Meeting Scheduler | *PHP, SQL, HTML/CSS, JavaScript, Bootstrap*

June 2020 – February 2021

- Individually developed a full-stack web application with PHP and SQL as backend and HTML/CSS, JavaScript as frontend
- Created a database to store users' meeting information inputs
- Implemented Bootstrap library to create interactive web page with collapsible tables
- Designed an algorithm to detect conflicting meetings in the database
- Utilized PHPMailer library to automatically send emails to users when conflicting meetings occur

EXPERIENCE

VGDev GT, Atlanta, GA

September 2021 – Present

Club Member

- Contributing to a 3D game developed with Java and OpenGL 3+ w/ LWJGL
- Utilizing Github to upload, review, and merge code
- Enriching the loading screen design and text models
- Attending biweekly meetings to share updates on the project

International Youth Science Journal, Virtual

April 2020 – June 2021

Middle East Head of Public Relations

- Programmed and launched the official website
- Recruited 10+ mentors and writers from the MENA region
- Peer-edited articles, with up to 3 articles per week
- Managed social media accounts, created 20+ social media posts

Tsinghua University, Beijing, China

June 2019 – July 2019

Intern

- Assisted lab experiments at the Protein Purification Identification and Preparation Platform
- Facilitated experiments such as cell-seeding, growing E.coli, and purifying proteins with ÄKTA pure
- Prepared petri dish media individually
- Organized monthly reports for equipment usage with Excel Spreadsheet

TECHNICAL SKILLS

Languages: PHP, SQL, HTML/CSS, Java/OpenGL(leaning), MATLAB, Python, Mandarin(working proficiency)

Developer Tools: MATLAB, PyCharm, IntelliJ