

Max Correia

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EDUCATION

Northeastern University, Boston, MA

Sep 2021 - May 2024

Khoury College of Computer Sciences

Candidate for Bachelor of Science in Computer Science & Mathematics

GPA: 3.72/4.00, magna cum laude

Related Courses: Foundations of Software Engineering, Artificial Intelligence, Algorithms & Data, Computer Graphics, Statistics & Stochastic Processes, Foundations of Data Science, Fourier Series & PDEs, Foundations of Cybersecurity

Winthrop High School, Winthrop, MA

Sep 2017 - June 2021

Honors: National Honor Society, Top 10% of class

Activities: FRC (FIRST Robotics Competition) Team, Science Olympiad, New England Mathematics League

COMPUTER EXPERIENCE

Programming Languages: Java, Python, C++, C, TypeScript, HTML, JavaScript, Common Lisp

IDEs: Eclipse, IntelliJ IDEA, Visual Studio Code

Systems: Linux (Ubuntu/Debian/Kali, Arch, Slackware), Windows, MacOS

Technologies: Git/Github, Bash, React, NPM, Jupyter Notebook, SolidWorks, LaTeX

PROJECTS

Dino Run 3D

Jan - Apr 2024

- Developed a 3D tribute to the Google Chrome dino game
- Modelled dinosaur and obstacle models in SolidWorks/Blender
- Utilized scrolling texture maps to render a moving background/foreground object

JEdit

May - June 2022

- Developed a GUI application in Java Swing to process and edit images in major file formats (PPM, PNG, BMP, JPG)
- Collaborated in a team through GitHub to meet project deadlines
- Implemented the agile software development cycle to incorporate various upgrades throughout the development process (multiple file type support, GUI accessibility)

Cuberspective

Sep - Dec 2021

- Engineered a STEM toy targeted to children ages 5-7
- Conducted research on the target age group to cater to their developmental needs
- Constructed SolidWorks CAD models for intermediary presentations
- Deployed the product in Northeastern's day care facility and gauged user reactions and interactions

WORK EXPERIENCE

Simmons University, Boston, MA

May 2023 - Current

Technology Assistant Co-op/Part-Time

- Assisted faculty, staff and students to meet their technological needs
- Navigated customers through tech support calls to reach personalized solutions using ITIL practices
- Tracked and followed up on software and hardware issues through ServiceNow

21st Century Afterschool, Winthrop, MA

July - Aug: 2019, 2021, 2022

STEM Camp Counselor

- Coordinated the Robotics and STEM divisions of the summer program
- Taught children from grades Pre-K to 5 about programming in Blockly using interactive robots
- Delivered technical concepts to a non-technical audience
- Organized and managed inventory for all Robotics kits and machines

INTERESTS

Cycling, Swimming, Cooking, Comics, fighting games