

Max Correia

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Availability: May - December 2023

EDUCATION

Northeastern University , Boston, MA	Sep 2021 - Present
Khoury College of Computer Sciences	Expected May 2024
Candidate for Bachelor of Science in Computer Science & Mathematics	
GPA: 3.62/4.00, Dean's List	
Related Courses: Artificial Intelligence, Algorithms & Data, Theory of Computation, Object-Oriented Design, Probability & Statistics, Discrete Structures, Engineering Design, Differential Equations, Linear Algebra	
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, HTML, CSS, JavaScript, Common Lisp, Racket, ACL2s
IDEs:	Eclipse, IntelliJ IDEA, Visual Studio Code
Systems:	Linux (Ubuntu/Debian, Slackware), Windows, MacOS
Technologies:	Git/Github, Bash, LaTeX, Jupyter Notebook, SolidWorks, Microsoft Office

PROJECTS

JEdit	May - June 2022
<ul style="list-style-type: none">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 deadlinesImplemented the agile software development cycle to incorporate various upgrades throughout the development process (multiple file type support, GUI accessibility)	
Cubespective	Sep - Dec 2021
<ul style="list-style-type: none">Engineered a STEM toy targeted to children ages 5-7Conducted research on the target age group to cater to their developmental needsConstructed SolidWorks CAD models for intermediary presentationsDeployed the product in Northeastern's day care facility and gauged user reactions and interactions	
Crosswalk Assistant Prototype	Jan - Mar 2021
<ul style="list-style-type: none">Assisted in programming a Python script with OpenCV/NumPy that used machine vision to discern crosswalk buttons in various scenarios/picturesDrafted and revised a mock product presentation with FRC team membersPresented a mock-up budget, schedule and prototype demonstration to a set of judges	

WORK EXPERIENCE

Simmons University , Boston, MA	May 2023 - Current
<i>Technology Assistant Co-op</i>	
<ul style="list-style-type: none">Assisted faculty, staff and students to meet their technological needsNavigated customers through tech calls to reach personalized solutionsTracked and followed up on software and hardware issues through ServiceNow	
21st Century Afterschool , Winthrop, MA	July - Aug: 2019, 2021, 2022
<i>STEM Camp Counselor</i>	
<ul style="list-style-type: none">Coordinated the Robotics and STEM divisions of the summer programTaught children from grades Pre-K to 5 about programming in Blockly using interactive robotsDelivered technical concepts to a non-technical audienceOrganized and managed inventory for all Robotics kits and machines	

INTERESTS

Cycling, Swimming, Golf, Meal prep, Magic: The Gathering