CONNOR T. CORRIGAN

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EDUCATION

Georgia Institute of Technology | *Atlanta, GA* **Graduation: May 2026**
Bachelor of Science in Computer Science: (GPA: 3.5/4.0)
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Relevant Coursework: *Data Structures and Algorithms, Linear Algebra, Computer Organization and Programming, Objects and Design, Software Development, Discrete Mathematics, Systems Programming*

Involvement: Japanese Speaking Club (Secretary), Association for Computing Machinery, and Wrestling Team (Club Member).

Professional Experience:

Computer Futures, SThree - Software Engineering Intern | Ginza, Japan **June 2023 - August 2023**
- Engineered automated scripts in Python and SQL to efficiently process and match thousands of STEM candidate profiles to roles at leading fintech, banking, and cryptocurrency firms, increasing candidate placement speed by 40%.
- Enhanced database schema designs, implemented advanced indexing strategies, and reduced query execution times by 30%, ensuring rapid retrieval of candidate data and improving overall system scalability.
- Integrated analytics dashboards and reporting tools (e.g., Tableau, Looker) to provide actionable insights for recruitment strategies.

University of Georgia – Teaching Assistant | Athens Georgia **November 2023 - December 2023**
- Selected as 1 of 3 TA's for Systems Programming in C to undergraduate students under the supervision of the professor.
- Provided individualized assistance to students debugging code and guidance on assignments and projects.
- Led review sessions to clarify complex concepts in systems programming, including memory management, pointers, and system calls.
- Assisted in evaluating and grading assignments, providing constructive feedback to help students improve their programming skills.

Codehub - Lead Engineer | Athens, Georgia **January 2023 - December 2023**
- Led a team of four engineers for the development of a schedule-management website using HTML, CSS, and Javascript.
- Designed and implemented RESTful APIs using Node.js, ensuring secure data handling and efficient communication between the front and back end. Integrated user authentication and authorization flows (JWT/OAuth) to safeguard sensitive user data.
- Utilized MongoDB for flexible document storage and MySQL for structured relational data, creating optimized schemas and implementing indexing strategies that reduced query response times by up to 30%.

Projects

Word Definer Google Extension – **Developer (personal project)| July 2023** ● Built a real-time word definition feature using JavaScript and HTML, enabling users to hover over any text and instantly view definitions inline, enhancing content comprehension and user engagement.
● Leveraged P5.js to enable lightweight annotation overlays directly within the browser window, allowing users to highlight and annotate text for note-taking, study sessions, and collaborative workflows.
● Integrated Chrome extension APIs and refined background scripts to ensure seamless performance across diverse websites. Implemented caching strategies, asynchronous data fetching, and debouncing techniques to deliver prompt, accurate definitions at scale.

Car-Price Evaluator - **Developer (personal project) | February 2023** ● Developed and deployed a Python-based algorithm that evaluates a car's listed price against aggregated market values, leveraging Python libraries (Pandas, NumPy) for data analytics and Google Cloud APIs for scalable, on-demand data retrieval.
● Designed, implemented, and integrated all core features within 48 hours during UGA Hacks 8, demonstrating adaptability, efficient coding practices, and the ability to deliver functional MVPs under pressure.

Skills and Interests

- **Programming Languages:** Java, Python, Java Script, HTML, C, React Native, Android Studio, TensorFlow
- **Languages:** Written and conversational fluency in both English and Japanese (dual citizenship: U.S. & Japan)
- **Interests:** Wrestling, Mixed Martial Arts, Entrepreneurship, Software Developing