

# Cameron Bennett

github.com/mach33n|cbennett49@gatech.edu|404-660-4206

## EDUCATION

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**Georgia Institute of Technology**, Atlanta, GA **August 2022 - December 2023**

- Masters in Machine Learning
- GPA: 3.11 / 4.00

**Georgia Institute of Technology**, Atlanta, GA **August 2018 - May 2022**

- Candidate for Bachelor of Science in Computer Science
- GPA: 3.67/4.00
- Dean's List
- Highest Honors Graduate

## WORK EXPERIENCE

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**Graduate Research Assistant at Georgia Tech Research Institute** **Fall 2022 - Fall 2023**

- Served as a research assistant to the EOSL(Electro-Optical Systems Laboratory) specifically contributing work with co-evolutionary algorithms for classified military systems.

**Microsoft Software Intern** **May 2020/2021 - August 2020/2021**

- In my first internship as an Explorer Intern, I worked on the CSEO team to develop a pipeline using Azure tools to move HR information from external third party SAP to an internal Data lake location, utilizing Azure Databricks and C# scripts connected to Azure Data lakes.
- At this time, I worked with 2 other team members to contribute an entire pipeline consisting of about 5 scripts to complete the requested task.
- In my second internship with this company I worked with the Cashflow team to complete a chatbot which utilized cosmos db graphs to deliver business users transactions and open balance information based on natural language queries using a language intent parser(LUIS).

**Intential Automation Front End Developer** **May 2019 - August 2019**

- Worked on a development team that hosted an open source wizard used to generate software capable of connecting API libraries via endpoints.
- I constructed much of this open source product using Facebook's Javascript Library React as well as a company hosted library of graphical components.
- While with this company, I contributed 3 components to the company graphical components library.

## ORGANIZATIONS

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**Alternative Service Breaks Club** **Fall 2020-Spring 2022**

- Participate in community service events and workshops during academic breaks.

**Minorities at College of Computing/Head of Curriculum** **Fall 2018-Fall 2022**

- Attend and participate in company workshops and presentations hosted by the organization.
- Club typically focuses on topics related to company internship/work opportunities and the dynamics associated with obtaining said positions.
- As head of curriculum, I got the opportunity to host weekly workshops which presented new developer tools commonly used in industry and how they work.

**HackGT Tech Team** **Fall 2020-Spring 2022**

- I've contributed 5 components to the growing component library being maintained by this organization.
- Won **specialty prize** with **NCR at Hack GT 7**

## RESEARCH

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**Automated Algorithm Design(EMADE)** **Spring 2021 - Fall 2022**

- Goal: Develop a framework which utilizes evolutionary algorithms to develop domain-specific neural networks that outperform existing methods for solving problems
- Working on adding library capability to generate neural networks for NLP tasks using general datasets.
- Currently involved in a graduate research position focusing on applying evolutionary algorithms to missile detection

**Transformer Learning Machine Translation Quality Estimation** **Spring 2022**

- Goal: Test whether a BERT model can improve it's performance on a quality estimation task by being pre-trained on a separate dataset.
- Contributed initial working transformer model and completed majority of evaluation of models