ALEX PARISEAU

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Driven undergraduate looking to use technology to benefit society.

Education

Georgia Institute of Technology   **Atlanta, GA**
- B.S. in Computer Science (Intelligence & People), Minor in Psychology   *Aug 2017 – May 2021*
- GPA: 3.78
- Honors Program
- <u>Relevant Coursework</u>: Artificial Intelligence, Machine Learning, Data Structures & Algorithms, Object-oriented Programming, Discrete Math, Multivariable Calculus, Linear Algebra

Experience

Google, Inc.   **Seattle, WA**
Software Engineering Intern | Quality Analytics Team   *May 2018 – Present*
- Working on backend development for real-time communication apps, such as Hangouts and Meet
- Building a web app to visualize database loads in order to aid a team of developers to identify missing information in raw logs before analysis, saved company over $15k as a result
- Gaining exposure to C++, NoSQL databases, and project management

Georgia Institute of Technology   **Atlanta, GA**
Tutor | College of Computing   *Aug 2017 – May 2018*
- Aided students taking an introductory Python course, CS 1301, with understanding programming concepts and completing weekly homework assignments
- Created interactive exercises using Jupyter Notebooks to reinforce classroom learning
- Received 1-to-1 Tutor Award for outstanding dedication and adaptability

Carnegie Mellon University   **Pittsburgh, PA**
Research Intern | Computational Biology Department   *June 2017 – Aug 2017*
- Developed two Python programs to identify cryptic alternative splicing linked to cancers such as leukemia by analyzing patient genome sequences
- Evaluated needs of chief bioinformatician, presented progress during weekly group meetings
- Gained exposure to shell scripting, Linux architecture, data wrangling, and file I/O

Projects

WeMeet   *May 2018 – Present*
- Developing a mobile app to better organize time, priorities, and task delegation during group meetings
- Received $500 in funding through Idea To Prototype, currently conducting market research

Pokémon Go – Swarm Algorithm   *June 2016 – August 2016*
- Created a heuristic swarm algorithm to find a Euclidean circuit across a local park to optimize loot
- Tested algorithm on distance weighted graph, improved efficiency from 18 to 21 stops in 30 minutes

MySecondHome.com   *May 2016*
- Developed a website for a local home daycare business to help drive online traffic and boost interest
- Utilized HTML and CSS to complete the project within 3 weeks

Skills

Programming: <u>Fluent</u>: Python, Java, C++ | <u>Proficient</u>: MongoDB, MySQL | <u>Web</u>: HTML, CSS
Languages: <u>Native</u>: English, French | <u>Intermediate</u>: Spanish
Communication: Public speaking, presentation, project management
Interests: Hiking, fitness, community service