

# Christopher Waites

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CONTACT	Phone: (678) 994-6546 Email: cwaites3@gatech.edu	<a href="http://www.chriswaites.com">www.chriswaites.com</a> <a href="https://www.github.com/ChrisWaites">www.github.com/ChrisWaites</a>
EDUCATION	<b>Georgia Institute of Technology</b> , Atlanta, GA <i>B.S. Computer Science</i> <ul style="list-style-type: none"><li>· GPA: 3.96/4.00 (Major: 4.00/4.00)</li><li>· Concentrations in Artificial Intelligence and Theory</li></ul>	<b>Aug 2015 – May 2019</b>
EXPERIENCE	<b>Airbnb</b> , San Francisco, CA <i>Software Engineering Intern</i> <ul style="list-style-type: none"><li>· Created a tool for manipulating routing service configuration and used an experimentation framework to optimize gateway failover criteria using Java, Ruby, React</li></ul>	<b>May 2018 – Present</b> <i>Payments Processing Team</i>
	<b>Facebook</b> , Menlo Park, CA <i>Software Engineering Intern</i> <ul style="list-style-type: none"><li>· Developed a client-dependent configuration and optimization system with a cross-functional team of research scientists and engineers using Python, Hack, Thrift</li></ul>	<b>Jan 2018 – Apr 2018</b> <i>Probability Team</i>
	<b>Bloomberg LP</b> , New York City, NY <i>Software Engineering Intern</i> <ul style="list-style-type: none"><li>· Created a time series analysis service to identify causal relationships and anomalous states in server performance using C++, Python</li></ul>	<b>May 2017 – Aug 2017</b> <i>Derivatives Infra Team</i>
RESEARCH	<b>Differential Privacy Group</b> , Atlanta, GA <i>Undergraduate Researcher (Adviser: Dr. Rachel Cummings)</i> <ul style="list-style-type: none"><li>· <b>Differentially Private Synthetic Data Generation via GANs</b>: Boob, D., Cummings, R., Kimpara, D., Tantipongpipat, U., <b>Waites, C.</b>, Zimmerman, K. (TPDP 2018)</li><li>· Augmented a generative adversarial network to include differential privacy guarantees while preserving practical performance using TensorFlow</li></ul>	<b>May 2018 – Present</b>
	<b>BrainLab</b> , Atlanta, GA <i>Undergraduate Researcher (Adviser: Dr. Melody Jackson)</i> <ul style="list-style-type: none"><li>· Developed EEG classification systems capable of inferring the physical and emotional state of individuals with ALS at 96% accuracy using OpenBCI</li></ul>	<b>Aug 2016 – Dec 2017</b>
TEACHING	<b>CS 3600 Artificial Intelligence</b> , Atlanta, GA <i>Teaching Assistant</i>	<b>Jan 2017 – Dec 2017</b>
	<b>CS 1331 Object-Oriented Programming</b> , Atlanta, GA <i>Head Teaching Assistant</i>	<b>Jan 2016 – Dec 2016</b>
PROJECTS	<b>Context Trading</b> <ul style="list-style-type: none"><li>· Was offered \$12,000 in exchange for equity to further pursue automated trading system</li></ul> <b>People API</b> <ul style="list-style-type: none"><li>· Built a RESTful API and chatbot client for requesting intelligence tasks using Django, Stripe</li></ul>	
PROGRAMS	<b>Harvard Business School Peek Weekend, Recurse Center</b>	