

# W. Cannon Lewis II

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Experience	<b>Two Sigma</b> , Houston, Texas – Software/Data Engineer <span style="float: right;">2022–Present</span>
	<ul style="list-style-type: none"><li>• Built ETL pipelines providing data to quantitative modeling</li><li>• Developed rapid acquisition technology for lag-sensitive data</li><li>• Built internal tools in Python for pipeline versioning and QA</li><li>• Built internal web apps in React for pipeline monitoring</li><li>• Led rotation of 40 engineers supporting over 1,000 pipelines</li></ul>
	<b>Two Sigma</b> , New York, New York – Software Engineering Intern <span style="float: right;">2016</span>
	<ul style="list-style-type: none"><li>• Implemented distributed NLP techniques for Elasticsearch.</li><li>• Enabled large-scale analysis of unstructured text</li></ul>
	<b>Rackspace</b> , San Antonio, Texas – Software Development Intern <span style="float: right;">2012–2013</span>
	<ul style="list-style-type: none"><li>• Migrated internal Ruby on Rails 2 apps to Rails 3</li><li>• Built internal campus map in Python and HTML/CSS</li><li>• Rewrote billing software to use Java actor-based parallelism.</li></ul>
Education	<b>Rice University</b>
	PhD (Incomplete), Computer Science, 2018 – 2022 <span style="float: right;"><i>GPA: 4.0</i></span>
	B.S., Computer Science, 2014 – 2018 <span style="float: right;"><i>GPA: 3.97</i></span>
	B.A., Mathematics, 2014 – 2018 <span style="float: right;"><i>GPA: 3.91</i></span>
Research	<b>Kavraki Lab, Rice University</b> , Houston, Texas <span style="float: right;">2017–2022</span>
	Project: <i>Reinforcement Learning for Robotic Control</i>
	Project: <i>Hidden Constraints in Robotic Reinforcement Learning</i>
	Project: <i>Multi-Robot Task and Motion Planning</i>
	<b>Army Research Laboratory</b> , Adelphi, Maryland <span style="float: right;">2018</span>
	Project: <i>Robust Mission Planning through Behavior Trees</i>
	<b>Wah Chiu Lab, Baylor College of Medicine</b> , Houston, Texas <span style="float: right;">2015</span>
	Project: <i>Computational Filtering of Cryo-Electron Tomograms</i>
Skills	<ul style="list-style-type: none"><li>• Proficient in Python, C/C++, Java, SQL, HTML/CSS, etc.</li><li>• Proficient in Kubernetes, Terraform, Git, and other DevOps technologies</li><li>• Familiarity with data technologies such as Airflow, Snowflake, etc.</li><li>• Familiarity with AWS and GCP suites</li><li>• Experience scaling data operations and onboarding processes</li><li>• Experience interpreting data needs and collaborating on efficient solutions</li></ul>