

# Aashish Gottipati

(801) 648-3116 | [agottipati@utexas.edu](mailto:agottipati@utexas.edu) | <https://agottipati.netlify.app> | Austin, Texas

## Education

<b>Doctor of Philosophy, Computer Science</b>	GPA: 3.66	May 2025
University of Texas Austin		Austin, TX
<b>Master of Science, Computer Science</b>	GPA: 3.95	May 2022
University of Utah		Salt Lake City, UT
<b>Bachelor of Science, Computer Science</b>	GPA: 3.96	May 2021
University of Utah		Salt Lake City, UT
<b>Associate of Science, General Studies</b>	GPA: 3.96	August 2018
Weber State University		Ogden, UT

## Technical Skills

Python, C#, Java, C++, C, Swift, Matlab	JavaScript, HTML, CSS	AWS, Jira, GIT, Docker, MySQL
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## Experience

<b>Research Intern</b>	June 2024 – August 2024
Microsoft	Redmond, Washington
<ul style="list-style-type: none"><li>Mentored by Vishak Gopal. Worked on <i>Offline Metalearning for Robust Bandwidth Estimation</i>.</li></ul>	
<b>Research Intern</b>	June 2023 – August 2023
Microsoft	Redmond, Washington
<ul style="list-style-type: none"><li>Mentored by Ross Cutler. Worked on <i>Real-time bandwidth estimation from offline expert demonstrations</i>.</li></ul>	
<b>Research Intern</b>	August 2022 – October 2022
Microsoft	Redmond, Washington
<ul style="list-style-type: none"><li>Mentored by Ross Cutler. Worked on <i>Multi-Agent Bandwidth Estimation for Legacy Systems</i>.</li></ul>	
<b>AI Software Engineer Intern</b>	January 2022 – June 2022
PassiveLogic	Holladay, Utah
<ul style="list-style-type: none"><li>Implemented a visualization dashboard for displaying nightly performance metrics.</li><li>Constructed a model evaluation pipeline for quantifying weather inference performance.</li></ul>	
<b>Graduate Research Assistant</b>	May 2021 – May 2022
University of Utah	Salt Lake City, Utah
<ul style="list-style-type: none"><li>Worked on <i>FlexRDZ: Autonomous Mobility Management for Radio Dynamic Zones</i>.</li><li>Proceedings of 2023 IEEE Future Networks World Forum (FNWF).</li></ul>	
<b>Undergraduate Research Assistant</b>	August 2020 – May 2021
University of Utah	Salt Lake City, Utah
<ul style="list-style-type: none"><li>Worked on <i>FedRAN: Federated Mobile Edge Computing with Differential Privacy</i>.</li><li>Proceedings of FlexNets 2021 - Flexible Networks Artificial Intelligence Supported Network Flexibility and Agility.</li></ul>	
<b>Research Intern (REU)</b>	May 2020 – August 2020
POWDER	Salt Lake City, Utah
<ul style="list-style-type: none"><li>Worked on <i>BoTM: Basestation-on-the-move, a Radio Access Network Management Primitive</i>.</li><li>Proceedings of IEEE INFOCOM 2021 - IEEE Conference on Computer Communications Workshops.</li></ul>	

## Publications

- He, Z., Gottipati, A., Qiu, L., Yan, F. Y., Luo, X., Xu, K., & Yang, Y. (2024). LLM-ABR: Designing Adaptive Bitrate Algorithms via Large Language Models. arXiv preprint arXiv:2404.01617.
- Gottipati, A., Khairy, S., Mittag, G., Gopal, V., & Cutler, R. (2023). Real-time bandwidth estimation from offline expert demonstrations. arXiv preprint arXiv:2309.13481.

## Talks

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- “Demo: Managing Mobility within Radio Dynamic Zones”. IEEE RFID Digital Spectrum Twinning Workshop, Las Vegas, Nevada 2022

## Honors & Affiliations

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- University of Texas at Austin Wireless Networking and Communications Research Group
- University of Utah FLUX Research Group
- University of Utah Undergraduate Magna Cum Laude
- University of Utah Undergraduate Research Scholar Designation
- University of Utah’s School of Computing Jim & Stacy Pugh Scholarship
- University of Utah’s College of Engineering Bimla Devi & Sant Kasera Scholarship
- University of Utah’s Flagship Scholarship
- Utah’s New Century Scholarship
- University of Utah Dean’s List

\*More information provided on my personal website listed at the top.