Darren Hamilton

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Stony Brook, NY

Expected May 2027

EDUCATION

Stony Brook University

Bachelor of Science in Computer Science, 3.86 GPA

EXPERIENCE

Software Engineering Fellow	July 2024 – Present
Headstarter AIBuilt and deployed 5 projects over 7 weeks, presenting each project and implementation	Remote enting criticism and feedback
• Took weekly mock interviews, identifying and resolving weaknesses in algorithm	ic problem solving
• Collaborated with 2 team members to develop and deploy a final project, preser	nting to Headstarter staff
Undergraduate Research Assistant	June 2024 – Presen
Stony Brook University	Stony Brook, NY
 Worked on a collaborative research project to analyze and improve supercomput Leveraged NetworkX to generate graphs and perform graph computations, visual 	. 0
 Attended weekly meetings with my research group, presenting results and imple 	° -
Vertically Integrated Projects Team Member	Jan. 2024 – Presen
Stony Brook University	Stony Brook, NY
• Focused on optimization for the Secure Distributed Computation and Learning	
• Wrote reading reports on distributed and standard subgradient optimization in a	
• Created a Python program to compare the performance of three subgradient op	-
Mathematics Teaching Assistant Stony Brook University	Jan. 2024 – May 2024 Stony Brook, NY
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• Served as an undergraduate teaching assistant for Linear Algebra	
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 Served as an undergraduate teaching assistant for Linear Algebra Offered office hours and facilitated understanding of course material through the Collaborated and communicated with the professor to efficiently grade homework 	oroughly explaining concepts
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Languages: Python, JavaScript, TypeScript, HTML/CSS Frameworks: React, Next.js, Node.js, Express, Tailwind Developer Tools: Git, Firebase Libraries: NumPy, NetworkX, Matplotlib