

BRITTANY REEDMAN

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EDUCATION

The College of New Jersey (TCNJ), May 2018
B.S. Computer Science & B.A. Applied Mathematics
3.83 Cumulative GPA - 3.93 Computer Science GPA
Honors Program - Pi Mu Epsilon - Upsilon Pi Epsilon
Relevant Coursework - Machine Learning, Artificial Intelligence, Advanced Topics in Linear Algebra, Functional Programming Languages, Computational Mathematics

SKILLS

Proficient	Java, Typescript, Javascript, HTML, CSS, Node.js, Matlab, Mathematica
Past Experience	Python, React.js, Scheme, OCaml, Prolog, C++, Excel VBA, Swift

LEADERSHIP

Women in Computer Science
President - May 2015 to Present
Arrange colloquiums, plan interactive technical workshops and exercises, organize trips to conferences and hackathons, and coordinate community outreach events

Association for Computing Machinery
Vice President - August 2017 to Present
Treasurer - August 2016 to July 2017
Secretary - August 2015 to July 2016
Lead organizer for the chapter's hackathon, HackTCNJ, that attracts numerous sponsors and hundreds of participants

Pi Mu Epsilon, Mathematics Honor Society
Secretary / Webmaster - May 2016 to May 2017
Maintained the chapter's website utilizing HTML and CSS

Upsilon Pi Epsilon, Computer Science Honor Society
Treasurer - August 2016 to Present

TCNJ Varsity Women's Tennis Team
Captain - August 2017 to Present

PROJECTS

Advanced Math for Alexa - October 2016
Developed an Amazon Echo application using Python and AWS Lambda that performs advanced mathematical operations using the Wolfram API

TCNJ Roommate Connect - April 2016
Designed and implemented a Swift iOS application that matches students with potential roommates and allows them to post housing listings of their own

EMPLOYMENT

Microsoft Corporation · Summer 2017
Azure Machine Learning Software Engineering Intern
Developed an IDE extension using Typescript and Node.js that introduces the functionality of Azure Machine Learning to the customer's preferred development environment

Microsoft Corporation · Summer 2016
Azure Machine Learning Software Engineering/PM Intern
Designed and implemented a cloud-based machine learning service using Typescript and React.js that automates the process of applying algorithms to a user's dataset

The College of New Jersey · August 2016 to Present
Computer Science and Mathematics Tutor
Enhance and reinforce students' knowledge pertaining to numerous courses including Data Structures, Algorithms, Linear Algebra, Calculus, and Discrete Mathematics

AWARDS

Grace Hopper Celebration Scholarship
Facebook - October 2017
Awarded annually to 50 female students excelling in computer science and demonstrating outstanding leadership

Women Techmaker Scholarship
Google Scholarship Program - April 2017
Awarded to 20 students who demonstrate a strong academic record, exemplify leadership, and convey a passion for increasing the involvement of women in computer science

Freshman, Sophomore, and Junior Award
TCNJ Department of Computer Science - May 2015 to 2017
Presented annually to a computer science major in each graduating class who excels in the classroom and contributes significantly to the department

Best Use of Amazon Web Services
Technica Women's Hackathon - October 2016
Collaborated with and mentored three high school girls to successfully write an Amazon Echo application using Python and AWS Lambda that informs the speaker if they are using cruel or offensive language

Carl Shuster Mathematics Award
TCNJ Department of Mathematics - April 2016
Awarded to a student who excels in mathematics courses and is dedicated to pursuing "significant, innovative, and creative change"

Grace Hopper Celebration Scholarship
Anita Borg Institute - October 2015