

JENNIFER L. SECREST

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EDUCATION

Princeton University, Princeton, NJ

Bachelor of Arts in Computer Science with a Certificate in Statistics and Machine Learning

Anticipated May 2023

Cumulative GPA: 3.94

Relevant Coursework: Computer Science: An Interdisciplinary Approach, Algorithms and Data Structures, Introduction to Programming Systems, Reasoning about Computation, Introduction to Data Science, Contemporary Logic Design, Writing Seminar: Living with Artificial Intelligence

SKILLS

Programming Languages: expert: Java, C, Python, Linux, Verilog; proficient: HTML; prior experience: JavaScript, Unity, R

Software: Git, Slack, Adobe Photoshop, G Suite

Languages: Conversational in Spanish

LEADERSHIP EXPERIENCE

Varsity Princeton Swim and Dive Team, *Co-Captain*

April 2020 - Current

- Serve as the liaison between the coaches and athletes. Plan events with the alumni network, such as hosting industry career panels
- Developed new ways to foster team connection and engagement through Zoom activities, virtual competitions and workouts, and documentary/book discussions during virtual school year and summer
- Created and led sub-committees to focus on enhancing social media and service (annual 5K for cancer awareness, offering swim lessons to those in underserved communities)
- Awarded 2020 Ivy League Championship title
- Train 20 hours per week while taking a full course load of 5 classes

WORK EXPERIENCE

Princeton Computer Science Department, *Course Facilitator*

August 2020-Current

- Lead lab sessions twice a week to complement lectures of Princeton's introductory computer science course
- Attend weekly meetings with team to discuss teaching strategies and plans to enhance student learning

Nautilus Software Technologies, *Software Engineer Intern*

December 2020 - January 2021

- Work virtually as a software engineer to develop an AI Chatbot logic design game to improve K-12 education

Princeton in Puerto Rico, *Visiting Teaching Assistant*

June - August 2020

University of Puerto Rico Mayagüez

- Member of eight-person team to teach an online (Zoom) summer course based on Princeton's introductory computer science course (Java programming and data structures)
- Led daily interactive exercise sessions (six students per session) and twice per week lab sessions. Hosted one-on-one office hours. Graded eight assignments (with team)

St. Louis Cardinals, *Sabermetrics Intern*

April - August 2019

- Attended minor league games at the Palm Beach Cardinals home stadium (Roger Dean) and entered game data into the TrackMan Baseball platform, which is used by the Cardinals analytics team for scouting and drafting

COMMUNITY SERVICE

Service Focus, *Princeton Public Policy Cohort Member*

August 2020 - May 2023

- Research and discuss public policy processes and issues
- Meet biweekly with cohort or expert in field to determine how to effect change in our communities

ACADEMIC ACHIEVEMENTS

Valedictorian of Oxbridge Academy and National Merit Finalist

June 2019