

# Benjamin N. Lonc

**B.S. Computer Science | University of California, San Diego Class of 2023**

bnlonc@gmail.com | (316) 796-6069 | U.S. and Canadian Citizen

## Career Experience

### **Amazon Web Services - Software Development Engineer Intern (June 2022 - September 2022)**

- Returned to first internship team and provided onboarding guidance to new interns
- Designed and implemented a microservice to load-test Active Directory infrastructure, allowing the team to analyze and reduce \$500k in monthly AD hosting costs
- Presented and documented project details, use cases, and future roadmap to stakeholders

### **Amazon Web Services - Software Development Engineer Intern (June 2021 - September 2021)**

- Scoped, designed, and proposed a project to manage tokens that allow core Amazon systems and subsidiaries to communicate identity lifecycle events, reducing processing time from up to 30 days to less than ten seconds and plugging a critical security hole
- Managed scope and requirement changes to deliver software that shipped with team product

### **Triton Prosthetics - Engineering Team Member (October 2020 - June 2021)**

- Worked with a team to coordinate and execute the development of a prototype electronic prosthetic hand to serve members of the local community

## Education

### **University of California, San Diego (September 2019 - June 2023)**

- Admitted to the highly-competitive B.S. Computer Science Program | GPA: 3.647
- Received the Shores Scholarship, the University's highest-valued merit-based scholarship
- Courses: Machine Learning, Computer Vision, Networked Services, Cryptography, Computer Architecture, OS Principles, Modeling and Data Analysis, Corporate Social Responsibility

### **Andover High School (August 2015 - May 2019)**

- Summa Cum Laude Graduate and Valedictorian | GPA: 4.0 / 4.0 | ACT: 36 | SAT: 1560
- One of 2,500 National Merit Scholars in the United States in 2019

## Skills

**AWS Lambda | DynamoDB | Python | HTTP REST APIs | Java | C/C++ | TypeScript/JavaScript  
PowerShell Scripting | CI/CD Pipelines | Identity Management | Software QA | Public Speaking**

## Leadership

### **Kendo Club at UCSD - Vice-President (2021-22), President (2022-23)**

- Facilitated the first and second annual UCSD Kendo Tournaments, hosting over 50 participants
- Directed logistics and solicitation of funding to send 35 members to two major tournaments
- Managed new member recruitment, club events, fundraising, and constitutional updates

### **Associated Students of UC San Diego - Senator (2019-21), Advocate General (2021-22)**

- Led decision-making efforts on allocation of the \$6.8MM budget before and during pandemic disruptions, ensuring fairness and transparency in student government spending
- Maintained membership lists and attendance for and presided over Senate meetings