

# Elena Escalas

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## EXPERIENCE

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### Amazon A9

Palo Alto, CA

#### Software Development Engineering Intern

Summer 2019

- Designing and implementing a new structure for high impact metadata involved in Amazon Search to decrease merge conflicts and improve overall workflow efficiency for a complex, 45,000+ line xml file with over 1,000 contributors annually
- Combining elements of newly structured metadata to convert metadata to previous structure using Python scripts and existing internal metadata examining Python libraries
- Current stretch goals include increased automation and testing of combined elements

### Microsoft

Redmond, WA

#### Software Development Intern

Summer 2018

- Started and led a proof of concept team within the Commercial Sales and Marketing Engineering organization with the goal of improving commercial sales and marketing techniques within Microsoft based on business insights provided by a commercial individual relationship graph
- Weighed multiple internal and external tools including Microsoft's CosmosDB before writing the scripts and developing the architecture for the graph using Neo4j software
- Acquired SCRUM master certification, and acted as SCRUM master for the Commercial Individual Relationship Graph team

### Intel

Austin, TX

#### Software Engineering Intern

Summer 2017

- Worked with the Cluster Checker team to develop a graphic user interface to ease the creation of XML "framework definition" files (method by which Cluster Checker allows for customization of Cluster health analysis)
- Created HTML5 GUI with Polymer Elements and a Node.js web server
- Received recognition for my intern project, as well as providing valuable contributions to the Cluster Checker team

## EDUCATION

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### University of California, Los Angeles

Expected June 2020

Bachelor of Science, Computer Science (GPA 3.60)

Technical Breadth in Urban Planning

#### Coursework Includes: C, C++, Linux, Operating Systems

Fundamentals, Data Structures, Digital Systems, Algorithms,  
Artificial Intelligence, Computer Network Fundamentals,  
Formal Language and Automata Theory

## EXTRACURRICULAR ACTIVITIES

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### UCLA ACM ICPC Officer (2019-2020)

- Leading workshops in the Fall for technical interview preparation

### UCLA Varsity Women's Swim and Dive

Team Member (2015-2019), Co-Captain (2018-2019)

- Balance 25+ hours of practice and conditioning per week while maintaining full course load and competing at a Division I level in one of the nation's most prestigious conferences
- Interact with a diverse group of swimming and diving teammates, coaches, administrators, and support staff daily to achieve and develop both team and individual goals while serving as a mentor to underclassmen

### UCLA Bruin Athletic Council

Swim Team Representative (2016-2020)

Secretary (2018-2019)

- Led a subcommittee to create a student-athlete Dodgeball Tournament to collect donations for the UCLA Food Closet

## AWARDS & HONORS

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### Facebook

Grace Hopper Scholarship Recipient (2019)

- One of 50 students selected to receive a scholarship to attend the Grace Hopper Conference for Women in Technology

### UCLA Athletic Department

Athletic Director's Academic Excellence Award (2019)

- Award given to student-athletes who earned a 3.0 grade point average or higher every quarter as an undergraduate

### PAC-12 Conference

All-Academic Second Team Member (2019)

- Award given to the student-athletes with the top 48 highest GPAs among female swimmers competing in the PAC-12 Conference

### UCLA Varsity Women's Swim and Dive Team

Bruin Pride Award (2019)

- Award voted by teammates to the athlete who most selflessly displays the highest levels of character and integrity in the spirit of helping the team

Academic Excellence Award (2019)

- Awarded to the junior or senior class member who holds the highest cumulative grade point average on the team

## ADDITIONAL SKILLS

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### Language

Fluent in Spanish and dual  
US-Spanish Citizenship

### Motto

*Too athletic to be a nerd,  
but too nerdy to be cool*