

# ARTURO OLVERA

olvera@berkeley.edu  
(510) 570-4305  
LinkedIn: arturoolvera

## EDUCATION

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### University of California, Berkeley

*B.A. in Mathematics and B.A. in Computer Science*

August 2018 - May 2022

Berkeley, CA

- Selected Coursework: Data Structures and Algorithms, Discrete Mathematics and Probability Theory, Computer Architecture, Artificial Intelligence, Linear Algebra, Analysis, Abstract Algebra, Modal Logic.

### The American School Foundation, A.C.

*United States and Mexico diplomas. Advanced economics and mathematics.*

August 2014 - May 2018

Mexico City, Mexico

## EXPERIENCE

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### Jetty

*Back-End Developer Intern*

May 2019 - July 2019

Mexico City, Mexico

- Transportation technology startup, digitalizing transportation ticket sales; jetty.mx
- Designed and implemented dynamic Key Performance Indicator graphs for the operations team.
- Created administrator management and user receipt pages with Rails and Bootstrap.

### NSC Aseores

*Intern*

June 2018 - July 2018

Mexico City, Mexico

- Independent financial investment advisory firm; nscasesores.com
- Met with investors and analysts to learn about portfolio administration and wealth management.
- Attended seminars on finance and investment at J.P. Morgan, Scotiabank, and Intercam.

### PayClip

*Intern*

July 2015 - August 2015

Mexico City, Mexico

- Credit card reader and technology startup empowering small business; clip.mx
- Management and organization of electronic receipts as the platform was launching for the first time.
- Set up cellphones and credit card readers for the first in-store release of the product.

## EXTRACURRICULAR

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### Berkeley Math Tournament

January 2020 - Present

- Technical intern developing tiebreaker application for the 1000+ person math tournament.
- Developing an exam-making, problem-organizing tool and maintaining the tournament website.

### Cub Support

August 2020 - Present

- Tutor for K-12 students, helping under-served communities succeed in a remote learning environment.

### Gamescrafters

January 2020 - May 2020

- Combinatorial and computational game theory research group led by Prof. Dan Garcia.
- Focused on one-player perfect information puzzles and solving them computationally.

## AWARDS

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- American Legion Award · *Recognizes courage, honor, leadership, patriotism, scholarship and service.* May 2018
- Excellence in Mathematics Award · *Yearly award for top mathematics student.* April 2017

## SKILLS

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- Python, Java, SQL, Ruby, Rails, Django, C, RISC-V Assembly, HTML, CSS, JavaScript, Bootstrap, Vim, LaTeX.

## INTERESTS

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- Rock climbing, guitar, teaching, travel, reading, and classic rock.