

Eduardo Escoto

Learn more at: eduardo.wtf

Connect with me at: [linkedin.com/in/eduardo-exists](https://www.linkedin.com/in/eduardo-exists)

See what I'm working on at: github.com/eduardo-exists

Contact

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EDUCATION

• University of California, Santa Barbara

Santa Barbara, CA

Bachelor of Science in Mathematical Science and Statistical Science

September 2017 – June 2020

- **Concentration:** Probability and Statistics
- **Organizations:** Data Science Club, Association for Women in Mathematics, Computer Science Tutor
- **Relevant Coursework:** Bayesian Analysis, Data Science, Machine Learning, Stochastic Systems, Real Analysis, Numerical Analysis, Complex Analysis, Graph Theory, Advanced/Abstract Linear Algebra

• San Diego Miramar College

San Diego, CA

Associate of Science in Mathematics and Computer Science

September 2014 – June 2017

- **Organizations:** Phi Theta Kappa Honors Society
- **Relevant Coursework:** Data Structures, C++, Java, Visual Basic
- **Accomplishments:** Honors Student, Deans List Scholar, Annual Research Symposium Presenter

EXPERIENCE

• UCSB Health and Wellness

Santa Barbara, CA

Data Science Intern

May 2019 – Present

- **Facilitates Data Gathering and Management:** Leverages platforms like Qualtrics and Microsoft's Power BI in order to centralize data gathering and availability. Monitors survey quality to ensure unbiased responses.
- **Analyzes Data and Builds Models:** Incorporates a wide array of tools and techniques to analyze all departmental and survey data. These include Bayesian Methods, Machine Learning, and Classical Methods.
- **Produces Data Reports and Visualizations:** Distills data analyses into clear and concise data reports and visualizations. Designed and maintains code for visualization styling, and report generation.
- **Optimizes Internal Processes:** Innovates departmental systems and replaces them with modern analogues. Built web-based solution to streamline inventory and key management with a custom React-GraphQL App.

• UCSB Computer Science

Santa Barbara, CA

Data Science and Computer Science Teaching Assistant

May 2019 – Present

- **Creates Curriculum:** Works with team to meticulously write guided labs and homeworks in Jupyter Notebooks. Created resources for students to use in minimizing programming learning curve.
- **Engineered and Maintains Autograding Tooling:** Developed python scripts in order to autograde Jupyter Notebook assignments and upload scores and automatic feedback to Grading Portal via API.
- **Possesses DS/CS Expertise and Domain Knowledge:** Hones skills in order to be informed and prepared to answer any question a student has. Deep Knowledge of key Data Science ecosystems to ease onboarding.
- **Holds office hours and Leads Review Sessions:** Spends time tutoring and helping students with homeworks and labs. Creates midterm and final review questions and goes over them in a lecture style session.

• Starbucks Coffee

San Diego, CA

Shift Supervisor and Barista

June 2013 – June 2019

- **Established Leadership and Teamwork Skills:** Led a team of world-class baristas to create a positive, inclusive, and motivating work environment that customers consistently enjoy visiting.

• Biosero Inc.

San Diego, CA

Software Engineering Intern

September 2016 – September 2017

- **Database Engineering and Driver Development:** Engineered and optimized microplate tracking database. Developed drivers for a myriad of Bio-tech instruments for use in automization. These included, Robotic Arms Sealers/Desealers, Acoustic Dispensing Systems, Microplate Readers, and many more.
- **MagneMotion Track Integration:** Implemented magnetic track system for use in large scale and connected integrations. Utilized graph theory and queueing theory to streamline track movement algorithm.

PROGRAMMING SKILLS

- **Languages:** Python, R, Julia, Javascript, C++, C#, Java, Shell Scripting, NoSQL, SQL, XAML, HTML, CSS.
- **Technologies and Tools:** React, Redux, GraphQL, Apollo, Express, D3, Node, PyTorch, Scikit-learn, NumPy, Pandas, Rmarkdown, Shiny, Tidyverse, Git and Source Control, CLI tools.