

# Eduardo Escoto

Learn more at: [eduardo.wtf](http://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](https://github.com/eduardo-exists)

## Contact

Talk to me at: +1 (858) 357-1868

Write me at: [me@eduardo.wtf](mailto:me@eduardo.wtf)

Find me at: Washington, DC

## EDUCATION

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### • University of California, Santa Barbara

Santa Barbara, CA

September 2017 – June 2020

*Bachelor of Science in Mathematical Science and Statistical Science*

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

## EXPERIENCE

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### • Afiniti

Washington, DC

August 2020 – Present

*Data Scientist*

- **Neural Network and Gradient Boosting Models:** Designs Recurrent, and Feed-Forward Neural Networks for a variety of prediction tasks. Productionizes Gradient Boosting and Neural Networks for deployment.
- **Bayesian Modeling:** Implements STAN models to model interaction between Agents and Customers.
- **Code Contribution and Numerical Computing:** Maintains company code repositories for Machine Learning tasks and Modeling Pipelines. Implements new features and algorithms for creating production models.
- **Data Analysis and Feature Engineering:** Utilizes Data Science and Machine Learning techniques to engineer new useful features from the variety of data sources available.

### • UCSB Health and Wellness

Santa Barbara, CA

May 2019 – June 2020

*Data Science Intern*

- **Facilitated Data Gathering and Management:** Leveraged platforms like Qualtrics and Microsoft's Power BI in order to centralize data gathering and availability. Monitors survey quality to ensure unbiased responses.
- **Analyzed Data and Builds Models:** Incorporated a wide array of tools and techniques to analyze all departmental and survey data. These include Bayesian Methods, Machine Learning, and Classical Methods.
- **Optimizes Internal Processes:** Innovated departmental systems and replaced 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

March 2019 – June 2020

*Data Science and Computer Science Undergraduate Learning Assistant*

- **Created Curriculum:** Worked 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 Maintained Autograding Tooling:** Developed python scripts in order to autograde Jupyter Notebook assignments and upload scores and automatic feedback to Grading Portal via API.
- **Held office hours and Lead Review Sessions:** Spent time tutoring and helping students with homeworks and labs. Created midterm and final review questions and went over them in a lecture style session.

### • Biosero Inc.

San Diego, CA

September 2016 – September 2017

*Software Engineering Intern*

- **Database Engineering and Driver Development:** Engineered and optimized microplate tracking database. Developed drivers for Robotic Arms Sealers/Desealers, Acoustic Dispensing Systems, Microplate Readers, and myriad other Bio-tech instruments for use in automation.
- **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.

### • Starbucks Coffee

San Diego, CA

June 2013 – June 2019

*Shift Supervisor and Barista*

- **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.

## PROGRAMMING SKILLS

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- **Languages:** Python, R, Julia, Javascript, C++, C#, Java, Bash/Zsh, SQL, SAS, Stata, LaTeX.
- **Technologies and Tools:** Tensorflow, Keras, PyTorch, XGBoost, Catboost, LGBM, Dash, Scikit-learn, NumPy, Pandas, STAN, Rmarkdown, Shiny, Git, Plotly, GGPlot2, React.