

ELIAS JOAQUÍN LITTLE

Full-Time Student

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🌐 EliasL.com 🔗 LinkedIn 📁 GitHub



PROJECTS

Monte Carlo Credit

📅 Summer 2020

Designed and built a service that analyzes someone's transactions and compares their spending habits against rewards from various credit cards to recommend the best one. Stack includes Python, Flask, Svelte, MondoDB, Plaid & Stripe APIs(Launching Soon)

Bright Future

📅 Summer 2020

Built the backend for a site that scrapes well-known news sites with python and analyzes then presents the top articles based on positivity using the TextBlob natural language processing library. (Link)

Project Euler

📅 March 2017 - Present

Solved 50+ Problems on ProjectEuler.net (My progress)

EXPERIENCE

Intern

Applied Research Labs UT Austin

📅 Summer 2019 📍 Austin, TX

- Designed, built, tested, and presented a prototype low-cost low-frequency underwater acoustic source.

Contractor

Torzal Guitars

📅 Summer 2018 📍 Austin, TX

- Researched, designed, and constructed a small-scale Enterprise Resource Planning database in Airtable

EDUCATION

B.Eng. in Operations Research (ORIE)

Cornell University

📅 Aug 2019 - Present 📍 Ithaca, NY

- GPA** - 3.65 | Dean's List • Engineering Ambassador • SHPE
- Courses:** Object Oriented Programming & Data Structures, Discrete Structures, Linear Algebra, Multivariable Calculus, Introduction to Machine Learning, Applications of Operations Research, Introduction to Computational Thinking (unofficial, MIT 18.S191)

High School | 🏫 Magnet Endorsement

Liberal Arts & Science Academy

📅 Aug 2015 - May 2019 📍 Austin, TX

- GPA** - 4.32 | SAT - 1560 • Orchestra President • Ambassador
- Courses:** AP Computer Science, Computational Problem Solving

ACHIEVEMENTS

🔗 **Google FooBar Challenge**
Completed all five levels of Google's FooBar challenge

🎓 **National AP Scholar**
Scored 4 or higher on 8 or more AP exams

SKILLS

● **Programming** - Python, Java

● **Git, MongoDB, SQL, \LaTeX**

● **Web Dev** - Svelte, Vue

● **CAD** - SolidWorks, Fusion

● **General** - MS Office, Graphic Design

EXTRACURRICULARS

⚙️ **Hyperloop**
A member of the propulsion subteam. I work on developing the motor drive system, and related components.

🎵 **Anything Goes**
A member of the band for Anything Goes, a musical theater group.

PUBLICATIONS

Little, Elias. "Development of a low-cost acoustic source for hurried underwater sediment research." *Science and Engineering Apprenticeship Program Reports*. Applied Research Laboratories: The University of Texas at Austin. Austin, 2020. 59-70.

INTERESTS

Optimization, Machine Learning, Finance, Algorithmic Trading, Mathematics

HOBBIES

Cello, Guitar, Architecture, Tinkering