

# Ben Myers

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## EDUCATION

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**University Of California, Berkeley**

**May 2023**

**Physics**

**Relevant Courses:** Discrete Math, Differential Equations, Linear Algebra, Quantum Mechanics, Analytic Mechanics, Statistical and Thermal Physics, Modern Physics and Advanced Electrical Laboratory, Electromagnetism and Optics

**Accolades:** Q/A Speaker on Contract Software Development at UC Berkeley Career Center, offering insights to students.

## TECHNICAL SKILLS

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Python, JavaScript, TypeScript, PostgreSQL, Next.js, FastAPI, Git, Tailwind CSS, Headless UI, AWS Cloudfront & S3

## PROFESSIONAL EXPERIENCE

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**Art Ecommerce, LLC** • [artecommercellc.com](https://artecommercellc.com) • [brilightart.com](https://brilightart.com)

**April 2024 - Current**

*Founder and CEO*

*Encinitas, CA*

- Constructed a secure, fully functional e-commerce web app with FastAPI, Python, JavaScript, and PostgreSQL.
- Integrated real-time product updates from database records into the website using Jinja2 templating and Stripe API.
- Secured a California seller's permit, local business license, and registered a foreign out-of-state LLC.

**Blissmember** • [blissmember.com](https://blissmember.com)

**August 2024**

*Frontend Software Engineer*

*Encinitas, CA*

- Implemented a high-performance, static website using Next.js, improving the SEO score and user experience.
- Launched a CDN with AWS S3 and CloudFront for optimized, cost-effective image hosting and scalability.
- Styled the frontend with Headless UI and Tailwind CSS to create responsive, accessible UI components

**Computacenter**

**December 2023 - April 2024**

*Backend Software Engineer*

*Remote*

- Engineered a robust API endpoint to sync customer data from ServiceNow to PRTG with FastAPI and JavaScript.
- Deployed comprehensive Python scripts to create custom thresholds for hardware alerts in VMWare's vCenter.
- Compiled data tables of device hardware and update alerts for customer email reports with Python and Jinja2.

## PROJECTS

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**Personal Website** • [benmyers.org](https://benmyers.org)

**August 2024**

- Crafted a responsive personal website showcasing professional projects and skills, with dynamic GitHub integration.
- Constructed a seamless deployment process using Render, ensuring continuous website updates and functionality.
- Streamlined development using reusable Jinja2 templating, enhancing efficiency and reducing overall coding time.

**Muon Detection**

**April 2023**

*UC Berkeley Lab*

- Developed Python scripts to accurately calculate mean muon lifetime values by processing large datasets.
- Enhanced muon data quality using noise reduction and statistical methods with Numpy, Scipy, and Pandas.
- Applied data visualization techniques using Matplotlib to present and analyze muon detection results.

**Carbon Dioxide Laser**

**February 2023**

*UC Berkeley Lab*

- Visualized voltage and current data collected from laser experiments using Matplotlib for exhaustive analysis.
- Evaluated specific atomic energy level transitions of carbon dioxide to develop precise calibration techniques.
- Conducted extensive experiments by adjusting laser wavelengths to optimize system performance.