

# Joshua Becker | Software Engineer

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## PROFESSIONAL EXPERIENCE

**FORMATION | Software Engineering Fellow (Full Stack) | Remote** 2023 - Present

- Selected for highly-competitive Fellowship for personalized coaching from top-tier software engineers.
- Intensive training to master computer science fundamentals using a wide variety of coding exercises through independent study, pair programming, and small mentor-led groups.
- Studied system design fundamentals in groups led by senior engineers from top companies.

**FATHERS HOUSE | Full Stack Software Developer | [fhspokane.com](https://fhspokane.com) | Remote** 2022 - Present

- Spearheaded the complete design, buildout and implementation of a full stack responsive application using Python, Flask, JS, CSS, Bootstrap, HTML, API, AWS EC2 to create an online presence for Fathers House.
- Developed and implemented payment systems with Stripe, ultimately increasing monthly revenue by over 40%.

**3SISTERS SUSTAINABLE MANAGEMENT | Assistant Portfolio Manager | Remote** 2021 - Present

- Provided active management of the Scarab Global All Cap Fund executing several allocations and alpha generating strategies including options based strategies and correlation trading generating income and increasing returns.
- Monitored the day to day core portfolio risk levels responding appropriately to market sentiment reducing client risk.

**HOLD BROTHERS, T3 TRADING, SMB CAPITAL | Professional Equities Trader | New York, NY** 2012 - 2021

- Managed firm capital with an allocation across several different tactile strategies generating alpha around the core investment portfolio including advanced options strategies to generate returns and outperform the market.
- Executed entry and exit decisions, monitoring risk levels to maximize risk adjusted returns.

## TECHNICAL PROJECTS

**CODETUBE | Python, Django, JavaScript, SQL, Bcrypt, CSS, Git, AWS | [github](https://github.com) | [mycodetube.com](https://mycodetube.com)** 2022

*Full stack YouTube clone dedicated to users learning software development, deployed with AWS EC2.*

- Created a platform that simplifies locating useful tutorials for software developers to save valuable time.
- Overcame YouTube's non embeddable url by coding an algorithm that transforms the url stored in SQL database.
- Developed and installed full login and registration utilizing Python on the backend with Bcrypt and validations. Implemented access control to prevent unauthorized access and ensure the security of user information.

**GOOGLE CLONE WITH ADS | React, Node, Express, MongoDB, CSS, API, Git, AWS | [github](https://github.com) | [googleclone.com](https://googleclone.com)** 2022

*Full stack Google clone with pay-per-click ads using Google's Search API, React w/useContext, deployed with AWS EC2.*

- Monetized company's search engine user traffic to generate revenue and profitability with relevant advertising.
- Tracked click count from user traffic to calculate amount billed for rendering client advertisement campaigns.
- Created pay-per-click search related advertisements that render by preference to the highest bidder when searching the web with RESTful API and Axios to monetize the companies search engine.

## EDUCATION

**CODING DOJO | Full-Stack Software Development Certificate | Seattle, WA** Oct 2022

*Immersive 32-week Software Engineering Training in Python, MERN, Java, Web Development*

**NEW ENGLAND COLLEGE OF BUSINESS | Bachelor of Science, Business Administration | Boston, MA** Sep 2014

## SKILLS & INTERESTS

**Languages:** Python, JavaScript, Java, SQL, CSS, HTML | **Frameworks:** Django, Flask, Node, Express, Context API, Spring, Bootstrap | **Libraries:** React, Axios, Socket.io, Pandas, Numpy, Matplotlib | **Cloud:** AWS EC2, S3, Boto3, R53, Gunicorn, Nginx | **Databases:** MySQL, SQLite, MongoDB | **Tools and Web:** Git, GitHub, Terminal, RESTful APIs, Postman | **CS:** Data Structures, Algorithms, Systems Design | **Interests:** Hiking, Travel, Coffee