

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 | Remote 2022 - Present

- Spearhead the complete design, buildout and implementation of online presence by developing a clean, modern, and elegant full stack responsive application. Technologies: Python, Flask, JS, CSS, Bootstrap, HTML, API, AWS EC2.
- Implemented payment systems ultimately increasing monthly revenue by over 40%.

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

- Provide active management of the Scarab Global All Cap Fund. Execute and manage several allocations and alpha generating strategies including: options based income generating strategies, correlation pairs trading, and more.
- Monitor the day to day core portfolio risk levels and respond appropriately to market sentiment.

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

- Managed firm capital at multiple firms with an allocation across several different tactile strategies and multiple timeframes generating alpha around the core investment portfolio including advanced options strategies.
- Executed entry and exit decisions for positions within the context of risk levels of the portfolio.

TECHNICAL PROJECTS

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

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

- Developed and installed full login and registration utilizing Bcrypt and validations, implemented access control to require login authentication where appropriate. Integrated CRUD functionality for user videos.
- Developed a Python algorithm that transforms the youtube browser's video url into an embeddable url.

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

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

- Created pay-per-click simulated advertisements with complete CRUD functionality using Node, Express, RESTful APIs via MongoDB, Mongoose, and Axios. Dashboard for managing campaigns with useState.
- Rendered advertisements randomly and preference the highest bidder when visitors are searching the web.
- Initialized the billed total to accrue by bid amount when the ad is served and visitors click on the served ad.

EDUCATION

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

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

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

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, SQL, CSS, HTML | **Frameworks:** Django, Flask, Node, Express, Mongoose, Context API, Spring, Bootstrap | **Libraries:** React, Axios, Socket.io, Pandas, Numpy, Matplotlib, jQuery, Redux, Jsp, smtplib

Cloud: AWS EC2, S3, Boto3, Route 53, Gunicorn, Nginx | **Databases:** MySQL, SQLite, MongoDB | **Tools and Web:** Git, GitHub, Terminal, RESTful APIs, Rest Controller, AJAX, Postman | **CS:** Data Structures, Algorithms, Systems Design