

# Hunter D. Becker

• <https://www.linkedin.com/in/hunter-becker2/>



## EDUCATION

**Masters of Economic Data Analysis**

**May 2022**

**Bachelor of Science in Economics**

3.80/4.00

**With a Minor in Computer Engineering, Minor in Business**

**May 2021**

University of Florida - Gainesville, FL

3.70/4.00

**Relevant Coursework:** Computer Org/Architecture, Computer Programming 1 and 2, Operating Systems, Data

Structures and Algorithms, Graduate Micro/Macroeconomics, Graduate Game Theory, Graduate Data Analysis, Graduate

Econometrics I and II, Graduate Machine Learning and Artificial Intelligence with Python

**Languages:** C#, C++, C, Java, Python, SQL, Stata, R, JavaScript

## WORK EXPERIENCE

**Software Engineer, Elutions | Tampa, FL**

**June 2022 – Present**

- Designed and executed backend solutions using C#, SQL (Microsoft SQL Server), Docker, and Python
- Collaborated with cross-functional teams across the world to gather and analyze requirements for backend systems while implementing efficient and scalable solutions in a timely manner
- Participated in database design, optimization, and performance tuning using SQL (Microsoft SQL Server) to ensure efficient data retrieval through stored backup procedures and storage management
- Implemented backend functionality for software applications, including data processing, business logic, authentication, and authorization through automated scheduled tasks

**Teaching Assistant, University of Florida | Gainesville, FL**

**January 2021 – May 2022**

- Taught higher level computer science students the skills necessary to progress in a computer architecture course
- Organized an interactive live demo of ARM and RISC-V to showcase reduced instruction set computing
- Designed assignments in varied difficulties based in ARM for students to solve and submit

**Software Engineer Intern, Vector Rideshare | Charleston, SC**

**January 2021 – June 2021**

- Collaborated with a national team of 10 engineers on implementing a backend game design for IOS and Android
- Organized an interactive **COVID-19 management dashboard** in typescript using Nodejs and JavaScript
- Developed a server management interface utilizing Socket.IO for app development, managing student ride status
- Implemented agile management methodology by facilitating sprint planning

## INVOLVEMENT & LEADERSHIP

**Mentor, Association of Computer Engineers | Gainesville, FL**

**January 2019 - Present**

- Mentored a team of computer engineering freshmen students to better acclimate them and provide them with academic/career advising at their respective universities
- Attended Swamp Hacks, competed against teams of computer engineering students while developing software/algorithms in a timed, team-based environment

**Meeting Organizer, Society of Software Developers | Gainesville, FL**

**May 2018 – May 2019**

- Attended workshops covering topics such as machine learning, cybersecurity, and artificial intelligence to aid in specific career/professional skills
- Designed a package tracking algorithm in Python for software demonstration meetings using
- Created content and executed organization activities such as meetings, workshops, and events

## ADDITIONAL INFORMATION

### Technical Skills

Certified in Microsoft Products (Word, Excel, PowerPoint); Adobe Suites (Photoshop, Illustrator); Intermediate level of usage in 3d-printing with resin and FDM printers, Arduino, Home server modification in Linux

### Projects

“*Nutshell*” – Created a command terminal for Windows OS in C using Bison and Flex that utilizes WSL commands

“*COVIDash*” – Helped design a platform for a Rideshare app to keep track of cases for drivers and riders in JavaScript

“*DelayCalc*” – Airline delay tracker programmed in C++ that uses a graph structure to calculate plane statistics

“*MaestroDataExporter*” – Data extractor on a scheduled task that uses C# and SQL to interact and pull data on a database