

BRENDAN R. KEATON

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EDUCATION

UNIVERSITY OF VIRGINIA

BS in Computer Science; Minor in Data Science
Cumulative GPA: 3.6/4.0;

Charlottesville, VA
December 2023

WORK EXPERIENCE

SOFTWARE DEVELOPER

Resonite LLC

Remote
Oct 2023 – Present

- Designed and implemented 5+ client websites using React, Nextjs, Tailwind, Figma, and Vercel.
- Liaised with clients to draft SOWs, communicate timelines, compile feedback, and resolve issues.
- Established the foundational framework for Resonite in collaboration with the company founders

DATA ANALYST AND SITE OUTREACH INTERN

AstraZeneca Pharmaceuticals

Wilmington, DE
Jun 2023 – Sep 2023

- Implemented a data cleaning and automation script in Python that creates auto-generated quarterly reports saving 200+ hours of manual data collection and cleaning yearly.
- Used the Salesforce API and DAX queries within PowerBI to create dashboards displaying relevant metrics to improve team efficiency.

DATA ANALYST INTERN

Virginia State Board of Elections

Richmond, VA
Jun 2022 – Sep 2022

- Built Excel macros and SQL queries to automate data collection and visualization for daily project reporting, saving 2 hours a day of manual data collection.
- Communicated with 50+ localities to solve issues with population data within ArcGIS.
- Designed and updated project database for 30+ member team daily.

DATA ANALYST INTERN

DarkZero

Remote
Jan 2021 – Aug 2021

- Used JavaScript and Power BI to create performance dashboards for player progress, decreasing daily preparation time by 30 minutes per player.
- Created and optimized a web scraping tool using R, saving 3 hours daily of manual data collection.

PROJECTS

STATE OF THE ART IN RECOMMENDATION SYSTEMS

Jan 2023 - December 2023

- Researched and summarized several machine learning methods used in recommendation systems of social media for my senior thesis at the University of Virginia. Additionally studied the societal impacts of these systems on users.

ACTIVITIES

UVA Hockey August 2021 – December 2023

Charlottesville, VA

UVA Club Leadership August 2022 – December 2023

Charlottesville, VA

Richmond General USPHL Junior Ice Hockey April 2018 – April 2019

Richmond, VA

Northwestern CT Hockey Assistant Coach 2017 – 2018

New Milford, CT

SKILLS

Experience in R, Power BI, Python, Pandas, Java, Data Visualization, Dashboard Design, Data Scraping, Jira, C++, Javascript, HTML/CSS, Database Concepts, Relational Databases, Machine Learning, Figma, React, Next.js, Vercel, and Git.