David Khachatryan

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EDUCATION

University of Wisconsin-Madison   Class of 2022
Computer Science, B.A.   Cumulative GPA: 3.79

TECH STACK

Django, React, Agile, OOP, Machine Learning, Firebase, Bioinformatics, C, Terraform

WORK EXPERIENCE

Software Engineering Intern at *Datachat*   Madison, WI (January 2022 – Present)
- Developed features to make data analysis easy by allowing users to "chat" with their data
- Lead a ground-up CSS refactoring project on a single repo codebase with hundreds of CSS files
- Implemented new features by sketching on Figma and coding them using Redux-Saga
- Communicated on challenging problems in a fast-paced startup

Data Engineering Intern at *Leverage Lab*   Kansas, MO (June 2021 – Aug 2021)
- Programmed a PubSub to BigQuery Dataflow pipeline to securely transfer data to a Data Warehouse
- Created Terraform modules to automate critical Google Cloud Functions
- Campaigned biweekly sprints and successfully completed SCRUM tasks in a demanding Agile team

Co-Founder at *Outvite.me*   Madison, WI (May 2021 – Present)
- Built a Full-Stack platform using the GRAD stack (GraphQL, React, Apollo, Django)
- Trained new engineers to collaborate on building the platform
- Established a CI/CD pipeline with GitHub actions to perform automated testing

Peer Mentor at *CS 300*   Madison, WI (January 2021 – December 2021)
- Taught a discussion group of 15 students concepts of OOP and Data Structures
- Learned CS pedagogical skills from Dr. Hobbes Legault and Dr. Mouna Kacem

ACHIEVEMENTS AND PROJECTS

BadgerHacks Hackathon   (January 2021)
- Won 5th prize at the UW-Madison BadgerHacks hackathon
- Made a website that converts an image to a personalized Spotify playlist

Chess Player, Chess AI Research (2100 USCF Rated)   (Apr 2009 – Present)
- 1st board in the UW Madison Chess Team
- Competed in numerous Europe and World under-18 championships
- Chess.com | 99th percentile player

TEDx Speaker   (July 2015)
- Collaborated with teams from South Korea and Israel to exchange ideas on integrating science education into the army service in Armenia