DANIEL G. RUSK

20 Hudson Banks Ln, Marlboro, NY 12542 | (845) 902-8095 | dgr73@cornell.edu | www.dannyrusk.com

EDUCATION

CORNELL UNIVERSITY BOWERS COLLEGE OF COMPUTING & INFORMATION SCIENCE　　　　May 2023
Bachelor of Science in Information Science　　　　GPA 3.83
- Concentrations: Data Science, Interactive Technologies
- Relevant Coursework: Data Driven Web Applications, Interactive Data Vis, Data Science, Human-AI Interaction Research Seminar, Statistical Theory and Application, Text Mining, Quantitative Analysis of Public Policy

SKILLS

- Languages/Frameworks: Python, JavaScript, React.js, Vue.js, Node.js, Express.js, React Native, Java, PHP, SQL
- Proficient in: Pandas, Tensorflow.js, Scikit-learn, D3.js, Figma

RELEVANT EXPERIENCE

NORTHWELL HEALTH　　　　Remote
Product Services and Management Analyst　　　　July 2023 – Present
- Created Python script that automates training resource scheduling which saves 15 hours of work each month.
- Devised Python script that empowers analysts to handle training related ServiceNow tickets 500% faster.

TEAMWORTHY VENTURES　　　　Greenwich, CT
Summer Engineering Associate & Part-time Engineering Associate　　　　June 2022 – February 2023
- Constructed dashboards and interactive visualizations to increase speed of new investment discovery process.
- Developed JavaScript query builder that enabled analysts to use a database API without writing any code themselves.

CORNELL COMMUNICATIONS & COLLABORATIVE TECHNOLOGIES LAB　　　　Ithaca, NY
Research Assistant　　　　July 2021 – August 2021
- Collaborated with PhD candidate to create VR disaster relief rescue drone simulator in Unity with C#.
- Leveraged Object-oriented paradigm to construct a virtual drone model that follows real world physics.

SWING CAMPAIGN　　　　Remote
Front-end App Developer　　　　March 2020 – September 2020
- Personally built 8 pages according to UX team's design specifications that launched to over 100 initial users.
- Collaborated with team of 3 other engineers to build out new features following AGILE principles of development.

LEADERSHIP AND ACTIVITIES

CORNELL UNIVERSITY | ECON 2040 NETWORKS, CROWDS, & MARKETS　　　　Ithaca, NY
Teaching Assistant　　　　September 2021 – December 2021
- Lead over 70 students through 10 problem sets by hosting 2 weekly 1-on-1 consultation hours.
- Facilitated discussions and explained concepts related to social networks, the web, markets, game theory, and more.

CORNELL CLUB BASKETBALL　　　　Ithaca, NY
Treasurer　　　　September 2021 – May 2024
- Managed 1,000 dollar budget for games, tournaments, and training equipment for more than 30 team members.

PROJECTS

BUDGEME: FULL-STACK PERSONAL BUDGETING WEB APP　　　　October 2023
- Designed and created full stack budget app featuring user authentication, expense tracking and expense categorizing.
- Deployed Node.js, Express, MongoDB backend with RESTful APIs and server-side rendering of a React.js front-end.

SITUP: SLOUCH DETECTION WEB APP　　　　January 2023
- Designed and created React.js app that leveraged Tensorflow.js Pose Estimation model to monitor user posture live.
- Pings users when slouching, shows users their posture metrics dashboard and adjust sensitivity of slouch detection.

HONORS & INTERESTS

- Honors: Magna Cum Laude, Cornell Dean's List
- Interests: New York Knicks, Kurt Vonnegut, Card magic, Red Hot Chili Peppers, walking my dogs on the beach