

Chinmayi Ranade

chinmayi.a.ranade@gmail.com | (571) 461-9760 | [LinkedIn](#) | [GitHub](#)

EDUCATION

George Mason University

Expected May 2027

B.S. in Computer Science, Dean's List

Relevant Coursework: Object Oriented Programming, Calculus III, Intro to Low-level Programming, Introduction to Computational and Data Sciences (w/ Lab)

- **GPA:** 3.77/4.0
- **Affiliations:** Girls Who Code (GWC), Rewriting the Code (RTC)
- **Activities:** InternConnect Club (Founder/Member): CS student group for networking and career growth

Girls Who Code and Accenture - Work Prep Participant

May 2025 - June 2025

- Attended workshops on AI tools, growth mindset, and client engagement in technical consulting roles
- Collaborated on a tech-driven hospital modernization proposal with peer team and industry mentors

Cornell University

May 2024 - August 2024

- Machine Learning Foundations Certificate, Break Through Tech AI

EXPERIENCE

Tech Developer Intern | Sponsors for Educational Opportunity, NYC - Online

June 2025 - Present

- Completed 300+ hours of rigorous computer science and software engineering training focused on data structures, algorithms, and full-stack web development
- Gained software development skills by working in SCRUM-like teams to design, test, and implement full-stack applications using Python (Flask), MySQL, HTML, JavaScript, CSS, and API integrations

Tech Fellowship - Tech Fellow for Cybersecurity 101 Course | CodePath, Online

August 2024 - November 2024

- Led breakout sessions and supported college students in hands-on labs covering topics such as cryptography, password cracking, malware analysis, Secure Shell (SSH), and Open Source Intelligence (OSINT)

Tech Fellowship - Tech Fellow for Technical Interview Prep 101 Course | CodePath, Online

May 2024 - August 2024

- Facilitated breakout sessions with 4-5 college students and supported 30–35 students with Python-based problem sets on data structures and algorithms
- Guided students through coding challenges and reinforced core interview concepts

Programming Intern | BSWI, Online

July 2022 - August 2024

- Completed Unmanned Air System – Synthetic Aperture Radar (UAS-SAR) course
- Coded backprojection for SAR image generation and designed API for radar modules; placed 3rd in competition

PROJECTS

Bon Voyage: Travel Planning Assistant

June 2025 - Present

- Collaborated on a full-stack travel planning app that generates personalized multi-day itineraries using AI
- Led backend development, integrating APIs including Yelp (attractions), OpenWeather (weather), ExchangeRate (currency), and Google GenAI (itinerary generation) to deliver real-time, customized travel experiences

CS Degrees and Graduate Earnings – Data Science Project

May 2025

- Analyzed College Scorecard data to find links between CS degree share and post-grad earnings
- Cleaned/transformed data with dplyr and created various plots like regional facet plots using ggplot2
- Built and evaluated a linear regression model, revealing a weak positive relationship and limited explanatory power

Women in Data Science Datathon: ADHD & Sex Prediction using Machine Learning

February 2025 - April 2025

- Built Random Forest and CatBoost models to classify ADHD and sex in WiDS Datathon dataset
- Used Synthetic Minority Oversampling Technique (SMOTE) to handle class imbalance and achieved 79% accuracy

Life Ladder Score Prediction with World Happiness Report Metrics

August 2024

- Predicted happiness scores with Linear Regression and Random Forest; performed EDA, cleaning, and evaluation

CERTIFICATIONS/SKILLS/INTERESTS

Certifications: IBM: Databases and SQL for Data Science with Python; [CodePath](#) Intro to Cybersecurity 101, Intermediate Cybersecurity 102; BWSIx: Python Core & Version Control, Git & Github; Leland: SWE Recruiting Bootcamp Certificate

Programming Languages: Python, Java, R, C

Machine Learning & AI: SQL, Pandas, Scikit-Learn, Tensorflow, NumPy, Classification and Regression Modeling

Fluent Written/Spoken Languages: English, Marathi, Hindi, Spanish