Tahmid Washy

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Education

Khoury College of Computer Sciences, Northeastern University, Boston, MA   Sep 2022 - May 2026
Candidate for Bachelor of Science in Data Science and Mathematics | Cumulative GPA: 3.89/4.00
Relevant Coursework: Adv. Programming with Data, Database Design, Foundations of Data Science, Diff Eq and Lin Alg, Multivariable Calculus

Trinity School, New York, NY   Sep 2017 - May 2022
Courses: Adv. Computer Science I/II, Adv. Topics in Computer Science, Engineering Principles, Adv. Latin Poetry, Adv. Chemistry, Adv. Biology
President of Men of Color, Computer Building Club, Nutrition Club, Bodybuilding Club | McVickar Award | 2nd Place NY Track Team 2019

Work Experience

TAMID Investment Fund, *Equity Analyst,* Boston, MA   Sep 2022 - Present
- Conduct bottom-up investment analysis across the TMT, Software, and Healthcare sectors to evaluate potential fits for a global GARP portfolio
- Construct 8+ exhaustive financial models (e.g., DCF and Weighted Comps) to quantitatively deduce intrinsic value and forecast stock performance
- Present research findings and comprehensive investment recommendation using analytic visualizations (e.g., SWOT and Porter) to fund directors

Proclivity/Exome, *Development Operations Intern,* New York, NY   Jun 2021 - Sep 2021
- Automated AWS IAM role-chaining via Python Boto3 SDK and prepared client briefings to facilitate secured FTP of sensitive cloud data
- Templated resources, variables, and I/O parameters from 80+ IaC Terraform modules using GO to generate digestible internal documentation
- Developed and front-tested 34 JS media trackers to extract and analyze user interaction in the staging environment of an AstraZeneca website
- Assisted C-suite executives in the healthcare advertising sector to gain insight on investor outlooks, client pain points, and internal workflow

Leadership Experience

Alpha Kappa Psi, *Public Relations Chair,* Boston, MA   Dec 2022 – Present
- Collaborate with Notion Campus Leader to advertise and teach sponsored workshops covering application fundamentals for 70+ attendees
- Spearhead implementation of professional experience database, aggregating information from 120 brothers to streamline internal networking
- Manage committee of 4 students to design 30+ social media posts promoting recruitment mixers and speaker panels, increasing attendees by 26%

HackTrin, *Executive Board Member & Mentor,* New York, NY   Nov 2019 – Jan 2022
- Communicate with 40+ schools and organizations in the tristate area to organize a 12-hour annual hackathon for 200+ students and 5 judges
- Restructure curriculum to concisely cover and teach applied Computer Science concepts (e.g., Numerical Analysis via Monte Carlo Algorithms)
- Assist competitors in ideation and implementation phases by introducing APIs, libraries, and software architectures relevant to their project scope

Projects

M&L 500 – Reclustering S&P Stocks   Jan 2023 – Apr 2023
- Trained a mini-batch K-means ML clustering algorithm using stochastic gradient descent to increase benchmark model's f1-score by 85%
- Visualized result data against benchmark using PCA and weighted bar charts from Plotly and scikit-learn to present findings to 60+ peers
- Reclassified original 11 stock sectors to new shorthand derived from financial statistical analysis to make investing in stocks more comprehensible

LuxGlasses – Premium Eyewear Marketplace   May 2022 – Oct 2022
- Designed multi-fidelity GUI wireframes using Figma and implemented frontend via SCSS/HTML/JS to create a responsive & interactive UX
- Leveraged marketing & advertising services from Meta, Snap, & Pinterest to direct 2,000+ clicks in traffic and increase conversion rate by 28%
- Managed database time-space complexity & security of ETL pipeline through table partitioning, cutting unnecessary indexes, & Bcrypt salting
- Routed & processed requests from 7 parametrized URLs constructed around MVC architecture with ExpressJS framework built on NodeJS
- Managed development, staging, & production environments w/ respective PDW databases on cPanel/WHM under Linux64 server architecture

PoliTrack – Political Discussion Forum   Mar 2022 – Jun 2022
- Provided a real-time news outlet for bills, templating micro-pages from News/US Congressional APIs via EJS & Axios with Google OAuth 2.0
- Implemented dynamic note-taking interface and customizable user profiles using MongoDB/Multer and cookie-parser to store local data

HeartHealth – Arduino Cardiovascular Diagnostic   Dec 2021 – Feb 2022
- Engineered a portable Arduino-based heart rate monitor to pinpoint cardiovascular inconsistencies using C++ DHTsensor and PulseSensor
- Displayed data-collection instructions and diagnostic results on LiquidCrystal 16x2 LCD using mapped LEDS to signal irregularities

Additional Information

Skills: JavaScript, EJS, Axios, NodeJS, Python, Pandas, NumPy, Plotly, scikit-learn, SQL, SCSS, C++, Terraform, Figma, Adobe PS | Fluent in Bangla
Interests: Rock climbing, Joe Weider's Olympia, NBA (PHX Suns), Antique Philosophy, Latin, Endocrinology, Epidemiology, Emerging technologies