Allon Nam

allonhnam@gatech.edu • 718-662-8789 • [LinkedIn](#) • [Github](#) • [Portfolio](#) • New York, NY

SOFTWARE ENGINEER

LANGUAGES: Python, JavaScript / TypeScript, Swift, SQL (MySQL / PostgreSQL), HTML / CSS
FRAMEWORKS: React/Redux, NodeJS, ExpressJS, NextJS, SwiftUI, Playwright, MongoDB, Jupyter Notebook, Tableau, Figma
TECHNOLOGIES: Prisma(ORM), AWS, Git, TailwindCSS, Pandas, NumPy, Scikit-Learn, Xcode

WORK EXPERIENCE

UBLISS • *Software Developer* • New York, NY   **Jul 2023 – Present**
- Led the full product lifecycle, working cross-functionally with the founder, UI/UX designer, SEO marketer, and software engineer, resulting in a 25% increase in company revenue.
- Integrated **AI-powered third-party APIs** to enable multilingual translations, contributing to a 30% improvement in customer retention.
- Spearheaded the adoption of a **SaaS EMR solution**, optimizing patient record management. reducing workflow bottlenecks and curtailing external costs by 50%.
- Redesigned booking and checkout processes using data-driven insights, boosting user clicks by 25% and driving a 30% increase in purchases.

HEADSTARTER AI • *Software Engineer Fellow* • Remote   **Jun 2024 – Sept 2024**
- Completed 20+ hours/week of **AI training**, enhancing proficiency in data structures and algorithms while applying these skills to optimize AI solutions, reducing processing time by 15% and increasing accuracy by 10%.
- Gathered a team and developed a product that generated $1,000 in revenue, demonstrating strong market demand and effective product engagement.
- Oversaw daily meetings to align goals and review code, boosting team alignment and code accuracy by 30%.

FLEXPORT • *Financial Data Analyst* • Remote   **Jul 2021 – Jun 2023**
- Conducted analyses on over $1 million in financial transactions using **SQL** and created Data Visualizations that yielded actionable insights for strategic decision-making.
- Partnered closely with the software engineering team, supplying essential freight data that enhanced the internal quoting system's efficiency by over 20% by eliminating redundant data.
- Executed daily data cleaning and reporting, improving the accuracy of time and location data by 95% and providing clients with consistently reliable information.

AMOREPACIFIC • *Finance Specialist* • New York, NY   **Sep 2019 – Mar 2021**
- Reviewed, prepared, and issued bills totaling over $500,000, recording and reporting financial data in Excel.
- Leveraged accounting software (**SAP**) and **Excel** to record and analyze 100,000+ data points, utilizing functions such as VLOOKUP and PivotTables.
- Assisted the accounts payable, accounts receivable, and payroll departments while collaborating monthly with the PwC auditing team.

PROJECT EXPERIENCE

EXPRESSION DECODER - COMPUTER VISION AI
- Leveraged **NumPy** arrays to store and process over 100,000 facial landmark coordinates, achieving a 20% reduction in computation time for geometric transformations and feature extraction.
- Applied **pandas** to identify and remove outliers, resulting in a cleaner dataset that improved model accuracy by 10% by minimizing noise and ensuring high-quality input.
- Conducted a user-friendly visualization dashboard in **Jupyter Notebook** to facilitate real-time analysis of expression predictions, enabling quicker adjustments and fine-tuning.

FETCH-IOS ENGINEER CODING CHALLENGE
- Developed a native iOS app enabling users to browse and view detailed recipes, resulting in a 30% improvement in data load times and user engagement through **Swift Concurrency (async/await).**
- Enhanced data integrity and user interaction by filtering and displaying only relevant data, removing 100% of null or empty values from **API responses**.
- Boosted app performance by implementing an **LRUCache**, reducing network requests by 40% and decreasing data loading time by 25%, ensuring a smoother user experience.

HOMEKEEPER (TEAM LEAD)
- Deployed **MongoDB** as the backend database, for a 20% reduction in storage costs compared to traditional databases.
- Managed software development team ensuring continuous **CI/CD Pipelines** to deliver new features and curtail deployment errors by 50%.

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY • *Computer Science, Machine Learning* • Masters of Science (Online)   **2025**
APP ACADEMY • *Full Stack Software Engineer | Developer* • Boot Camp Certification   **2023**
BARUCH COLLEGE, Zicklin School of Business • *Finance │ Mathematics* • Bachelor of Business Administration   **2020**