

Austin Samuel - Software Engineer

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SUMMARY

Result driven computer science junior with 15+ end-to-end projects, 1.5+ years of experience, with multifaceted expertise in full stack development, android development, UI automation, machine learning, and AI. My portfolio website: austinsamuel.com.

EDUCATION

Illinois Institute of Technology, Chicago

AUG 2022 - Current

Bachelor of Science in Computer Science

- Coursework: CS 331(Data Structures & Algorithms), CS 350(Assembly) CS 425(Database), MATH 332(Linear Algebra), CS 440(Programming Languages & Paradigms).
- Notable Projects:** Real Estate Website with DB connection (CS 425)
- Part of ACM (association of computer machinery), ML (Machine Learning) club, SIAM (Society for Industrial & Applied Mathematics).

iACADEMY NEXUS, Philippines

2020 - 2022

Senior High - Software Development & STEM Strand, 97% Overall

- Coursework: Android Studio, PHP, C++, C#, Java, Web Development, MSSQL Databases, WinForms

SKILLS

- C++, C, C#, Java, Python, Lisp, JavaScript, CSS, HTML 5, SQL, SQL Server, ML(Machine Learning), Shallow Learning, Pytorch, Mobile Development(Android Studio), Bootstrap, PHP, Git, GitHub, Linux, SPSS, Scrum, Agile, AI(Artificial Intelligence), UI/UX tools, .NET, Shell, MathLab, UiPath Certified RPA Associate(*Certification*), Robotic Process Automation, UI Automation, Blockchain Developer IBM(*Certification*), Azure AI-900(*Certification*), HuggingFace, LangChain, React JS.

PROFESSIONAL EXPERIENCE

Research Associate – ML Model Engineering for MRI Data

Illinois Institute of Technology, Chicago, IL

SEPT 2023 – CURRENT

- Copiloted & developed machine learning models for identifying Multiple Sclerosis collaborating with UChicago Medicine. Most recent model provided output with an accuracy of 99.7%.
- Key Skills:** PyTorch, Matlab, Data Cleansing, Research Practices

Software Engineer Intern

Tata Consultancy Services (TCS), Makati, Philippines

JUN 2021 – AUG 2021

- Proposed an email automation business case and implemented it within given timeframe with automated test cases.
- Actively participated in meetings and completed set KPI's. Streamlined dataflow and optimized app with exception handling mechanism.
- Key Skills:** C++, .Net Libraries, Email Automation, UiPath, Data Gathering, Business Casing, Data Scraping.

PROJECT EXPERIENCE

JP Morgan Chase Financial Dashboard – Collab with P33 Chicago

Chicago, IL

AUG 2022 - DEC 2022

- Spearheaded a team of 5 under JPMC mentorship on creating a financial dashboard and planner. Only team among 15+ teams to create a fully functional dashboard with data streaming and data visualization.
- Key Skills:** HTML 5, CSS, JavaScript, Bootstrap, JotForms, Agile Methodologies, Leadership.

VaccInfo App – Covid-19 Vaccine Awareness

DEC 2021 - AUG 2022

- Won 1st place among 100+ Software Dev. Students. Plotted visualization with real-time data & integrated app with google maps.
- Key Skills:** C#, Visual Studio, WinForms, Data Scraping, Data visualization APIs. Demo: iacademyspbl.wixsite.com/10thpblcycle/rb-sd11

HONORS AND ACHIEVEMENTS

- Dean's List at Illinois Tech, multiple semesters | 3rd Place in National Level Math League | LEGO Ev3, NXT robotics medals

REFERENCES & LANGUAGE FLUENCY

- Dr. Keigo Kawaji (IIT BioMed Research): +1 646-620-4166 | Arlene Aguinaldo (TCS Supervisor): arlene.aguinaldo@tcs.com
- English (Fluent), Tamil (Native Speaker), Hindi (Intermediate), Chinese (Beginner), Filipino (Intermediate)