

# Ryan Bouapheng

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## EDUCATION

**Georgia State University** – Atlanta, Georgia

December 2026

Bachelor of Science in Computer Science

**Relevant coursework:** Data Structures, Machine Learning, Artificial Intelligence, Software Engineering

**Awards:** Laotian American Society, Let Us Make a Man, and Men Achieving & Developing Excellence Scholarships

## SKILLS

**Language:** Python, Java, JavaScript, Dart, Kotlin, HTML/CSS, Bash, SQL | **Data Science:** NumPy, pandas, Matplotlib |

**Framework:** Spring Boot, Flutter, React, Node.js | **Tools:** Git, REST APIs, Jira, Docker, AWS S3, Jenkins, ArgoCD,

Kubernetes, Postman, Stencil.js, Firebase | **Soft-Skills:** Interpersonal Communication, Leadership, Quick Problem Solving

## EXPERIENCE

**Handshake:**

November 2025 – Present

*AI Trainer (Handshake AI Fellowship)*

- Developed, tested, and optimized domain-specific prompts to evaluate large language model (**LLM**) performance
- Improved **AI** understanding in specialized areas through iterative review, annotation, & model behavior assessment

**ADP (Automatic Data Processing):**

May – August 2025

*Full Stack Application Developer Intern*

- Collaborated with cross-functional teams to design and implement next-generation ADP products, driving technical solutions for clients with over **1,000 Lyric HCM customers**
- Developed a full-stack app for ADP's new product, streamlining data processing and reducing manual work, leading to a projected **30%** productivity boost for clients, using **TypeScript, Java Spring Boot (Microservices), AWS S3**

**Emory University:**

June – August 2024

*Network Engineer Intern*

- Optimized and troubleshoot Emory University & Healthcare network serving over **50,000** students, faculty, and healthcare professionals, ensuring uninterrupted connectivity across academic and medical campuses
- Automated diagnostic health checks for **100+** core network devices (switches, routers, access points), decreasing manual workload by **80%** and enabling faster issue detection

**TheCoderSchool:**

May – June 2024

*Python Code Instructor*

- Taught complex coding concepts for students aged 5-18, enhancing their understanding of **Python**
- Designed and delivered 3+ structured lesson plans covering Python fundamentals, resulting in a **30%** increase in student engagement measured through participation and project submissions

## PROJECTS

**CafefinderApp - Software Engineering**

Fall 2025

- Built a full-stack web app for discovering local coffee shops, enabling users to search, filter, and explore nearby cafes using location-aware services
- Implemented advanced search and filtering pipelines (rating dimensions, amenities, distance radius), leveraging **MongoDB** indexing to reduce query latency by around **35%**

**Utilized:** Java, MongoDB, React, Vite, Vercel, Railway, GitHub, GoogleMapsAPI

**Productivity App - Mobile Application Development**

Spring 2025

- Designed and implemented a multi-screen habit-tracking mobile app using **Dart and Flutter**
- Enabled users to log custom daily habits, view streak progress through charts, and receive notifications

**Utilized:** Dart, Flutter, Firebase, Figma (wireframing), GitHub

**Hello Squirrel App - CodePath Android Application**

Spring 2024

- Developed an app in **Kotlin and JavaScript** that showcases a brief introduction of myself

**Utilized:** Kotlin, Java, JavaScript, JSON, XML, API, Mobile UI/UX design

## LEADERSHIP

**TwoMileRunClub - Founder**

November 2025 – Present

- Founded my own run club to increase student engagement and for personal enjoyment, unite others run weekly
- Led and mentored a team of software engineers building tech products to support the run club community

**CodePath - Android Application Developer**

February – April 2024

- Managed projects with peers to mobilize unprecedented apps with refreshed features