Art Chaidarun

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EXPERIENCE

Duolingo (educational technology) – New York, NY   2014-now
Principal Software Engineer

- Company's highest-leveled individual contributor in a technical role
- Lead developer of flagship apps for Android, web, and Windows
    - Rewrote entire web app from scratch, reducing load times by 80% and raising developer satisfaction (NPS) from -86 to 100
    - Reduced Android crashes by 90%, led migration from Java to 100% Kotlin, raised developer satisfaction (NPS) from -71 to 56
    - Sole developer of Windows app, ranked #1 in Education
    - Redesigned the client API to reduce network transfer by 90%
- Wrote much of Python backend and entirety of web frontend for the Duolingo English Test, an entrance exam at over 6000 universities
- Led engineering efforts for IPO by building a financial data warehouse and investor relations portal
    - Conducted due diligence for all post-IPO tech company M&A
- Led open source efforts as primary author and maintainer of four active OSS projects on GitHub: github.com/duolingo
- Member of committees overseeing infosec, interviewing, employee onboarding, AI, code review practices, and knowledge management
- Led various company-wide initiatives such as Duolingo's public blog, internal corporate wiki, and annual hackathons
- Administrator and integration developer for IT systems such as Google Workspace, Slack, Jira, Confluence, GitHub, Tailscale, Dropbox, Glean, Pingboard, and physical access to office buildings

OpenAI (artificial intelligence research) – San Francisco, CA   2017
Member of Technical Staff

- Set up research infrastructure such as GlusterFS and Azure Batch
- Created internal dashboards and CLIs for managing experiments

EDUCATION

University of Virginia   2013
Bachelor's degree in Computer Science and Mathematics

- Order of the Orange Stole (graduated in 2.5 years)
- Echols Scholar (top 5% of class)
- Head teaching assistant for Software Development Methods
- University-employed tutor for Calculus II, Honors Calculus III, Probability, Ordinary Differential Equations, Survey of Algebra

SKILLS

Android, AWS, Azure, Bash, C#, C++, CSS, Docker, Electron, Elixir, GCP, Git, HTML, iOS, Java, JavaScript, Jenkins, Kotlin, Kubernetes, Linux, Lua, macOS, Make, PHP, Python, React, Redis, Rust, SQL, Swift, Terraform, TypeScript, Unity, Windows