

Art Chaidarun

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EXPERIENCE	Duolingo (language education app) – Pittsburgh, PA <i>Principal Software Engineer</i> <ul style="list-style-type: none">• Platform owner of flagship apps for Android, web, and Windows• Reduced baseline Android crashes by >90%, led migration from Java to 100% Kotlin, raised developer satisfaction (NPS) from -71 to +56• Rewrote website from scratch using modern tech stack, reducing load times by 80% and raising developer satisfaction from -86 to +100• Sole developer of universal Windows app for desktop and mobile, ranked #1 in the Education store category with a 4.6 star rating• Designed and implemented internal API v2 on both backend and Windows app, where network transfer was reduced by 90%• Wrote much of Python backend and entirety of web frontend for the Duolingo English Test, an entrance exam at hundreds of universities	2014-now
	OpenAI (artificial intelligence research lab) – San Francisco, CA <i>Member of Technical Staff</i> <ul style="list-style-type: none">• Built dashboard and CLI tools for managing research experiments• Set up infrastructure components, e.g. GlusterFS and Azure Batch	2017
	Epic Systems (healthcare software) – Verona, WI <i>Software Development Intern</i> <ul style="list-style-type: none">• Streamlined diagnosis search interface using C# and JavaScript• Conducted usability testing with local physicians	2013
EDUCATION	University of Virginia <i>Computer Science and Mathematics</i> <ul style="list-style-type: none">• GPA: 3.78, Major GPA: 3.94, SAT: 1600+730• Order of the Orange Stole (completed double major in 2.5 years)• Echols Scholar (top 5% of incoming freshman class)• Head teaching assistant for Software Development Methods• University-paid tutor for Calculus II, Honors Calculus III, Probability, Ordinary Differential Equations, Survey of Algebra	2013
RESEARCH	<ul style="list-style-type: none">• N. Chaidarun, S. Tepsuporn, R. Hayes, P. Beling, W. Scherer and S. Grazioli, “Computational Intelligence in Financial Engineering Trading Competition: A system for project-based learning,” <i>Proceedings of the Winter Simulation Conference 2014</i>• R. Hayes, A. Todd, N. Chaidarun, S. Tepsuporn, P. Beling and W. Scherer, “An agent-based financial simulation for use by researchers,” <i>Proceedings of the Winter Simulation Conference 2014</i>	2014 2014
SKILLS	<ul style="list-style-type: none">• Daily: TypeScript/JavaScript, Java, Kotlin, Android, Python, AWS, SQL, Jenkins, HTML/CSS, Docker, React/Redux, Terraform, Bash, Linux, Git• Occasionally: C#, Redis, UWP, XAML, Elixir, Phoenix, Nginx, Heroku• Rusty: ... Rust, PHP, C/C++, Apache, AngularJS, Backbone, L^AT_EX	