Sid Nair

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EXPERIENCE

Foursquare, Senior Software Engineer   June 2012-Present
- Expert on the website: help set company-wide goals for the web, make key architectural decisions, write core code, and provide guidance to other engineers
- Led major initiatives, including redesigns of our most trafficked web pages, an SEO audit of the website, and performance improvements
- Worked closely with other teams to champion ideas for improving the product outside of my domain
- Established and evangelized engineering best practices, making developers across the organization more efficient
- Designed and helped develop the recommendation and search API endpoints for an app redesign
- Worked on the UI design and Android implementation of the homescreen and search screens, coordinating the efforts of other client engineers, designers, and product managers
- Wrote MapReduces that power everything from data on the app venue page to autocomplete endpoints

Codecademy, Contractor   Aug 2011-Jan 2012
- Second developer at a startup that teaches people to code (codecademy.com)
- Ahead of launch, helped design the UI, architect the backend, and write the lessons
- Post-launch, addressed performance and scaling issues and implemented a testing framework

Google, Software Engineering Intern   June 2011-Aug 2011
- Worked on Google+, focusing on the signup flow and first run experience
- Fixed critical internationalization and cross-browser issues leading up to launch
- Added logging to identify causes of dropoff and attrition

WiseWindow, Contractor   June 2010-May 2011
- Worked for a startup that analyzes social media data for businesses
- Developed algorithms to tag music artists and movies in tweets, worked on internal APIs, and optimized algorithm performance

Application Development Initiative (ADI), Executive Board Member   Sept 2010-May 2012
- Helped start ADI (adicu.com), which is now the preeminent student tech club at Columbia
- Led a team that built and maintained tools for students, such as a course schedule builder
- Organized events like workshops to teach practical software development skills, and annual hackathons and job fairs

EDUCATION

Columbia College, Columbia University   May 2012
- Bachelor of Arts, Computer Science, *summa cum laude*
- Computer Science Department Award winner, Phi Beta Kappa, Dean's List all semesters
- GPA: 4.00/4.00

PUBLICATIONS

"Transparent mutable replay for multicore debugging and patch validation," Nicolas Viennot, Siddharth Nair, Jason Nieh. ASPLOS, 2013.

SKILLS

- Strongest languages: JavaScript, Scala, Java, Ruby, HTML, CSS
- Strongest tools: Vim, Git, UNIX