Neal Parikh

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EXPERIENCE

Morningstar, Software Engineer within Data Technology   March 2017 – Present
- Lead developer on the Morningstar as a Service (MaaS) initiative to create a global AWS API Gateway, intended to replace Apigee as our current, on-premises, API Gateway.
- Worked with the various stakeholders to architect, and construct an API authentication and entitlement system built to scale for all Morningstar APIs
- Taken this project from conception to production in under six months
- Technologies Used: Various AWS services such as API Gateway, Cognito, and DynamoDB combined with Node.js lambdas and Terraform scripts

Morningstar, Software Engineer within Enterprise Components   July 2016 - March 2017
- Worked as part of a global team to build the Morningstar Developer Site (developer.morningstar.com), which showcases the various components and APIs available to our institutional clients
- During this period, the team successfully took the site from a rough alpha version to a well-designed beta version which was ready to gather initial market feedback
- Took on additional responsibilities as Chicago Technical Lead from January 2017 onwards, working with our team in Chicago and Shenzhen to make architecture decisions as well as establishing codebase standards
- Technologies Used: Drupal CMS, PHP, Apache Solr, JavaScript, and SCSS

University of Michigan, Student iOS Developer within CAEN   May 2015 – May 2016
- Worked part-time with CAEN's Instructional Technology division to create an iOS application written in Swift to control classroom A/V technology
- Contributed to upgrading an existing application intended to reserve group study areas
- Technologies Used: Swift, Objective-C, and Github for version control

SKILLS

Platforms – Mac OS, Linux, Windows

Technology – C, C++, Java, Python, JavaScript, AWS Services, Serverless Computing

EDUCATION

Georgia Institute of Technology, College of Computing   Aug 2017 - Present
- M.S. in Computer Science, specializing in Machine Learning

University of Michigan, College of Engineering   Sept 2013 - May 2016
- B.S.E. in Computer Science, Cum Laude. Completed in three years.
- President of the Engineering Student Government and Student Body (2015-2016)
- Member of the Epeians Engineering Leadership Honor Society
- Recipient of the 2016 Engineering Distinguished Leadership Award
- Recipient of the Engineering Scholarship of Honor
- Other Activities and Societies: Member of Kappa Theta Pi - Professional Technology Fraternity, Student iOS Developer at UM CAEN, Engineering Representative of Central Student Government, Senate Representative of University of Michigan Engineering Council, Member of Delta Tau Delta, Member of Michigan Raas Team

Shanghai Jiao Tong University, Study Abroad Exchange Program   May 2014 - Aug 2014