CHIRAG KHATRI

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EDUCATION

The University of Texas, Austin   *May 2018*
Bachelor of Science in Computer Science with high honors   Minor in Business

EXPERIENCE

Microsoft   June 2018 - Present
Senior Software Engineer - Branch Management Team (Azure)   *Redmond, WA*

· Designed and led a cross organizational project for a resourcing system for windows builds cutting costs by 300K (15%) a year. Held reviews, incorporated feedback, and received buy in from org directors.
· Modernized Windows branch management, setting up a new API from scratch on the cloud instead of being on prem. Created a front end web app for branch configuration to view and make edits. New branch onboarding is now automated and takes two hours versus previously it required a separate team, was manually done, and took up to 10 days.
· Engineered a bulk bug triage system for Azure DevOps saving 100s of hours for leads across Microsoft.
· The branch configuration extension was easily extensible and well documented leading to multiple devs not on our team contributing.
· Mentored and onboarded new members to the team. Guided them to grow as engineers by assigning suitable tasks to help them ramp up on our services and answering any questions.

TripAdvisor   June 2017 - August 2017
Software Engineering Intern - Search Engine Optimization Team   *Boston, MA*

· Engineered projects across full stack, touching server side code, templating, and client-side script.
· Shipped features, including A/B tests, affecting various areas of SEO in order to increase revenue.
· Redesigned code in the redirect servlet to streamline infrastructure.
· Created a new and trending restaurants feature resulting in winning third place in the intern hackathon.

Optum Technologies   June 2016 - August 2016
Software Engineering Intern   *Boston, MA*

· Designed and implemented an onboarding health web brochure delivered to 7M new customers/year.
· Developed an auditing application using Salesforce for internal use which patched critical security flaws.
· Managed the direction of both projects as team lead from inception to deployment.

The University of Texas at Austin   Fall 2015 - December 2017
Teaching Assistant - Data Structures and Introduction to Programming   *Austin, TX*

· Taught discussion sections and individually assisted students during office hours. Gave feedback on projects, assignments, and exams to help improve scores.

PROJECTS

Crypto Arbitrage Bot

· Created a crypto bot that made 35K profit over lifetime, using price differentials across decentralized exchanges for profit using smart contracts.

Decentralized Finance Liquidator Bot

· Made a crypto bot that made 5K profit over lifetime which would automatically liquidate decentralized loans by paying back a portion of the loan and immediately selling the discounted collateral through smart contracts.

SOFTWARE SKILLS

Proficient   Java, C#, HTML/CSS, React, Javascript, Typescript