

# Neil Srivastava

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## Education

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**University of Texas At Austin**, Austin, TX

May 2022 (Expected)

- *Bachelor of Science in Mathematics, Certificates in Computer Science, Computational Engineering, and Data Science*, GPA: 4.0
- Coursework: Software Design, Data Structures, Discrete Math, Linear Algebra

## Experience

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**vAuto (Cox Enterprises)**, *Software Engineering Intern*, Austin, TX

Summer 2019

- Created a new modal UI system, built with AngularJS/TypeScript, HTML/SCSS for front-end and C# for backend, for developers to stage and roll-out releases automatically using launchDarkly, which allowed for product teams to use randomly selected users as rollout-groups for new features.
- Enhanced and updated the export process for customers through the backend by making new datapoints public for building reports; using SQL Developer to update mappings and creating a dynamically-built query to extract requested datapoints for each report.

**Ascend**, *Software Development and Product Management Intern*, Palo Alto, CA

Fall 2018

- Composed and developed scripts in Python and Javascript for the Field Engineering and Data Science team to more quickly create and validate data pipelines.
- Implemented, refined, and tested a faster, more efficient encoding for JSON objects and data files than the default json/encoder within Go.
- Planned and completed the prioritization and organization for the Fourth Quarter with the Product Management team.

**McAfee Inc.**, *Mayor's Internship Program*, Plano, TX

Summer 2017

- Created macros and scripts on Excel to organize and report international travel expenses for Payroll.
- Presented for the Director of Supply Chain Operations about McAfee's future concerning data centers, big data, and cyber-security.

## Projects

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**Seva Charities**, *Mobile App*,

January 2020

- mobile app for my student non-profit to allow members to view their points, upcoming events. and announcements from officers easily. Created with Flutter, Firebase, Google Scripts, and Google Calendar API.

**Volunteer Connect**, *Web-App*,

Spring 2019

- web-app for Convergent to connect organizations that needed volunteers and student organizations to help people in need. Created with MongoDB, Express, React, and Node.

**Drip**, *Mobile App*,

Fall 2019

- mobile app for Convergent to allow users to compare water usage in common foods and eventually reduce water consumption. Created with Flutter and Firebase.

## Leadership and Activities

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**Convergent | Tech Build Team Lead**

January 2019 - Current

- Lead the instruction and advising of 20-30 students interested in technology and software engineering to build out and explore a fully functioning personal website as an introduction to the world of programming.

**Seva Charities | Events Officer**

May 2019 - Current

- In charge of events planning, fundraising, and philanthropy connections for the largest South Asian charity organization at my university.

## Skills

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**Programming Language, Frameworks, and Technologies/Services**

- *Proficiency*: Python, Dart, Java, JavaScript, C#, NodeJS, React, SQL, Flutter, Firebase, HTML/CSS, Git, Agile, Jira, Visual Studio
- *Experience*: MySQL, SparkSQL, BQ, Go, MongoDB, Express, XCode, Google Scripts, Google API