

# Arvin T. Poddar

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## EDUCATION

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**GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing**  
**Bachelor of Science in Computer Science (IP)**

**Atlanta, Georgia**  
GPA: 4.0 *May 2022*

- CREATE-X Entrepreneurship Scholar, Cobb EMC Foundation Scholar, Zell Miller Scholar
- Coursework: Object Oriented Programming, Data Structures and Algorithms, Computer Org and Programming

## EXPERIENCE

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**AMERICAN EXPRESS**

**Phoenix, Arizona**

*Technology Intern – Enterprise Architecture Group*

*Jul 2020 – Aug 2020*

- Developed a web service to create and use terminal sandbox environments directly from a user's browser. Sandboxes are orchestrated with Kubernetes, and auto-delete after an expiration period to conserve resources
- Designed and constructed SPA frontend with React and REST API backend with Node/Express

**GEORGIA TECH COLLEGE OF COMPUTING**

**Atlanta, Georgia**

*Head Teaching Assistant for CS 1301 (Intro to Computing – Python)*

*Aug 2019 - Present*

- Manage 25+ Teaching Assistants and work alongside professor to create an organized and engaging course for hundreds of students
- Organize and engage in all course aspects, including lectures, creating assignments, exam grading/processing, office hours, recitations, and weekly Teaching Assistant meetings
- Streamlined operations by creating tools such as a help-desk queuing kiosk and Markdown homework editor

## PROJECTS & FREELANCE

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**MUSICBUK – *musicbuk.com***

**Atlanta, Georgia**

*Service that pairs students with top instructors for premium music lessons*

*Jun 2020 - Present*

- Developed frontend and landing page for the new Musicbuk web platform using Quasar (Vue)
- Created a mobile-first experience that became the new customer facing product, replacing their iOS app

**11 TEN INNOVATION PARTNERS**

**Atlanta, Georgia**

*Web platform for physicians to analyze medical imagery of brain aneurysms*

*Dec 2019 – Sept 2020*

- Worked alongside Emory physicians and researchers to develop product features for aneurysm analysis
- Constructed HIPAA compliant systems for creating, sharing, and viewing artery volumes/surfaces

**COUNTABLE TECHNOLOGIES INC**

**Marietta, Georgia**

*Co-founded a foot traffic and crowd data analytics startup for retailers and venues*

*Jan 2019 – Sept 2019*

- Created Countable's web platform, admin panel, and first version of Python REST API and sensor code
- Secured over \$26,000 of funding from Create-X and Christopher Klaus's fund
- Worked extensively with Shell scripting, Docker, Linux, and AWS infrastructure

**FILIO CORP – *filio.io***

**Atlanta, Georgia**

*Geospatial visual asset management company for large scale infrastructure projects*

*Aug 2018 - Present*

- Migrated entire platform from a JSP monolith to a Vue SPA, increasing development cycle speeds
- Created core features such as cloud storage integrations, an admin dashboard, and custom report templates

## SKILLS & AWARDS

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**Development:** Full-stack web development (HTML, CSS, JavaScript, React JS, Vue JS, Quasar, Node JS, Express, PHP, MySQL), Java, Python, Git, AWS, Docker

**Design:** Sketch, Adobe Illustrator, Adobe Photoshop, Autodesk Inventor Pro

**Awards:** **Flowers Invention Studio Hackathon** – 1<sup>st</sup> Place Project (Stryker Foosball - 2019)  
**HackGT 6** - Best Overall User Interface & User Experience (VueStream - 2019)  
**Georgia Tech Idea to Prototype Showcase** – Best Overall Winner (Countable - 2019)