

# Jayvardan S. Naidu

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Availability July 2021 – December 2021

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[github.com/jai-naidu/CV](https://github.com/jai-naidu/CV)

## EDUCATION

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**Northeastern University**, Khoury College of Computer Sciences

Boston, MA

*Candidate for a Bachelor of Science in Computer Science*

May 2022

Coursework: Algorithms & Data, Probability & Statistics, Theory of Computation

Cumulative GPA: 3.3/4.0

Calculus I & II, Differential Equations/Linear Algebra, CS Fundamentals I & II

Summer 2020: Object-Oriented Design, Database Design, Embedded Design

Term GPA: 3.8/4.0

Spring 2021: Artificial Intelligence, Computer Systems, Networks & Distributed Systems

## TECHNICAL SKILLS

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**Programming**: Java, MATLAB, Python, MySQL, C++, Arduino, Racket, JavaScript, Lisp, Processing

**Software/Frameworks**: Git, Docker, AWS (Lambda, S3, DynamoDB, SAM CLI), RESTful API, API Gateway, JIRA, Windows, Linux

## RELEVANT WORK EXPERIENCE

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### Accolade Inc.

Seattle, WA

Software Engineering Co-op

September 2020 – Current

- Automating exposure of template-based pre-enriched data for streamlined data analytics workflow and reduced load on transactional backend services
- Involves the use of AWS Lambda, AWS SAM CLI, and API Gateway

### Khoury College of Computer Sciences

Boston, MA

Data Science Co-op

January 2019 – August 2019

- Modified dimensionality reduction algorithm to support more efficient distance measuring methods for visualization of complex multi-dimensional datasets
- Analyzed citation data for popular bioinformatics conferences to compare and analyze conference statistics (<https://doi.org/10.1093/bioinformatics/btaa071>)

### Accolade Inc.

Seattle, WA

Software Engineering Intern

June 2018 – August 2018

- Developed a front-end CLI tool to securely enable third-party access to back-end AWS S3 data stores for optimized data ingestion in python
- Familiarized with AWS environment and secure token services
- Developed a presented a comprehensive business plan for complimentary voice assistant app

## PROJECTS

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### Animation Software

Boston, MA

- Programmed a basic animation software from the ground up
- Implemented design following model-view-controller and “tweening” principals, leveraging the java swing library
- Enabled live editing, in-app visualization, and exporting (to .SVG)
- Fully unit tested with JUnit4

September 2019 – December 2019

## WORK EXPERIENCE

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### CLAPS/DigiKids

Villvakkam, India

Computer Literacy Initiative ([www.digikids.org](http://www.digikids.org))

July 2015 - Present

- Co-created a computer literacy program that gives impoverished children the opportunity to learn basic computer literacy and work field skills alongside their school curriculum
- Developed leadership and communication skills through organizing a high impact event and raised ~ \$7000