

# Jayvardan S. Naidu

744 Columbus Ave, Apt 1802, Boston, MA 02120  
Availability July 2020 – December 2020

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## 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: 3.7/4.0

**University College Dublin**, N.U.in Ireland Program

Dublin, Ireland

Fall 2017: Calculus I, Physics for Engineers, Intro to Chemistry

GPA: 3.6/4.0

## TECHNICAL SKILLS

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

**Software**: AutoCAD, SolidWorks, Google Sketchup, Blender

## RELEVANT WORK EXPERIENCE

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**Khoury College of Computer Sciences**

Boston, MA

Data Science Intern

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**

Seattle, WA

Software Developer 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
- Implemented oauth2 and HTTPS encryption
- Familiarized with AWS environment

## PROJECTS

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**Cel Animation Software**

Boston, MA

- Programmed a basic animation software from the ground up
- Implemented a design following model-view-controller and “tweening” principals, leveraging the java swing library
- The app enabled users to visualize and edit an animation live, and output the animation at its current state to an SVG file to be visualized on a web browser
- 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