

Chirag Godha
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EDUCATION

Rutgers University-New Brunswick	Expected Graduation: May 2025
Bachelor of Science in Computer Science	

RELEVANT COURSEWORK

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- Data Structures and Algorithms – Analysis of algorithmic runtime alongside creation and mutation of distinct data structures
 - Discrete Structures – Theoretical and mathematical analysis of logic-based proofs and computing
 - Linear Algebra – Theory of matrix mathematics and implementation of core theorems

WORK EXPERIENCE AND SKILLS

Online Private Tutor (*iD Tech*): May 2022 – September 2022

- Tutoring children (K-12) in fields of Computer Science and Math.
 - Java, Python, Calculus, Algebra
- Teaching high level concepts in a clear and concise manner to students.
- Kept strong communication in flow with team members, managers, and students

Capital One SES: August 2022

- Passed technical test in order to gain placement against other students
- Learned industry grade skills through Capital One employee training sessions
- Applied learned skills [React, Git, APIs, Relational Databases, App Dev] in 24-hour Hackathon
- Collaborated with a team to engineer professional level code worthy of being examined and judged in competition.

RELEVANT EXPERIENCE

[*Java Experience*]

- Proficiency in OOP alongside the implementation of class hierarchies and abstraction.
- Multiple college-level classes and projects analyzing Big O notation of programs.
- Knowledge of Java leading to experimentation in Android-based languages such as Kotlin and developing basic applications using VMs.

[*Python Experience*]

- Understanding of OOP and implementation of Python libraries and modules.
- Creation of a GUI using the Tkinter library that stored information inputted from the front end to a back end locally created Python database.
- Basic exploration of SQL and data mining, alongside data manipulation from Excel files.
- Basic understanding of Neural Networks and novice user of TensorFlow alongside utilizing the libraries: NumPy, Pandas, and matplotlib

[*React.js Experience*]

- Proficiency in component-based web-structures created through React and HTML.
- Created project for Capital One Hackathon that offered user interactivity
- Understanding of basic to intermediate React programming and connectivity to backend
- Currently in development of creating a personal website using React, HTML, and CSS