

# Duc Viet Nguyen

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## EDUCATION

<b>Georgia Institute of Technology</b> Bachelor of Computer Science	<b>Atlanta, GA</b>	<i>Expected Dec 2023</i>
<b>Edmonds College</b> Associate Degree in Science (CS and EE)	<b>Lynnwood, WA</b>	<i>Jan 2018 – April 2021</i>

## PROJECTS

<b>Twotter</b> <ul style="list-style-type: none"><li>Implementing a full-stack social media app that users can post and interact with tweets</li><li>Templating multiple web pages using Express-Handlebar library</li><li>Applying Ajax (Axios) to handle client-side requests and smoothen UI</li><li>Routing and processing data using Express framework and MongoDB</li></ul>	<b>Lynnwood, WA</b>	<i>April 2021 – May 2021</i>
<b>Crab-Grab</b> <ul style="list-style-type: none"><li>Implementing a full-stack checkout system that users can login and interact with items</li><li>Securing login and session management using SuperTokens for authentication</li><li>Constructing UI structures using React library and styling components with Bootstrap</li><li>Designing secure and efficient APIs using Hasura engine for a unified data access layer</li><li>Capitalizing Cypress and Insomnia as primary tools for testing and debugging</li></ul>	<b>Lynnwood, WA</b>	<i>May 2021 – June 2021</i>
<b>Word Search Puzzle Solver</b> <ul style="list-style-type: none"><li>Setting up Puzzle using 2D array and storing keys in HashMap</li><li>Utilizing Boer-Moore algorithm for searching key words</li><li>Optimizing the algorithm using Galil Rule and check for possible length in eight directions</li></ul>	<b>Atlanta, GA</b>	<i>Sep 2021 – Oct 2021</i>
<b>Assignment Calendar Creator</b> <ul style="list-style-type: none"><li>Retrieving data through Canvas API using generated token</li><li>Applying Pandas library to sort the data by choice</li><li>Applying Openpyxl to append data and save data files with .xlsx extension</li><li>Sending data to the user email for printing or other purposes using Email.Mime</li></ul>	<b>Atlanta, GA</b>	<i>Nov 2021 – Dec 2021</i>
<b>Tower Defense Game</b> <ul style="list-style-type: none"><li>Developing a full-functioned desktop-based application using JavaFX</li><li>Analyzing interactions between different classes using DM, SSD, SD, and DCD diagrams</li><li>Practicing SOLID and GRASP principles for factoring and writing clean code</li></ul>	<b>Atlanta, GA</b>	<i>Jan 2022 – present</i>

## WORK EXPERIENCE

<b>Teaching Assistant / Math Tutor</b> – Edmonds College	<b>Lynnwood, WA</b>	<i>Jan 2019 – Dec 2019</i>
<ul style="list-style-type: none"><li>Provided one-to-one expert guidance assistant to students</li><li>Provided office hours for students who want to excel in class</li><li>Provided emotional support through hardship</li></ul>		
<b>Rhino Ambassador</b> – Wilderness Foundation Africa	<b>Durban, South Africa</b>	<i>May 2017 – Jan 2018</i>
<ul style="list-style-type: none"><li>Developed solutions with scientists and analysts</li><li>Published newspaper article about rhino's extinction</li></ul>		

## LANGUAGES AND TECHNOLOGIES

- HTML, CSS, Node.js, React.js, Express, Next.js, SQL, MongoDB, AWS, Django
- C/C++, Java, Python, JavaScript, Typescript, GraphQL
- Docker, Git/GitHub, Node.js, [Latex](#), PowerShell, Bash, CI/CD Pipeline