# THOMAS WADE DENTON III

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**GEORGIA INSTITUTE OF TECHNOLOGY**
**Bachelor of Science in Computer Science** (Specializations: Theory, Artificial Intelligence)

PROFESSION EXPERIENCE

## Google – YouTube Live, Software Engineer, June 2022 – Present
(C++, TypeScript (TS), JavaScript (JS), HTML, SCSS (CSS), Version Control (Git), Java, Python, etc…)
- Led the Responsibility pillar and led the Desktop Surface (multiple clients) of Live Interactivity
- Supported and collaborated with partner teams in design/implementation of key features on Live
- Owned the design, implementation and launch of Channel Activity on Live across all surfaces (multiple Desktop Apps, Android, and IOS).
  - Recognition Announcement from YouTube Brand Account and SVP Neal Mohan: https://twitter.com/TeamYouTube/status/1737954706725466411, https://twitter.com/nealmohan/status/1744500642075525379
  - Received extremely positive sentiment via user testing feedback and via the tweets replies. Launched with +4.5% Moderation Actions.
- Founded simplification efforts to improve internal client architecture which increased developer, UX designer, and product manager velocity on Live Desktop clients by ~50%. Brought support of 4 additional major features to all Desktop clients which were previously unlaunched and unsupported.
- Implemented a survey system for gathering user feedback while watching Live videos, which was then utilized for determining creators and moderators top needs in order to direct product development.

## NCR – Business Services Platform, Software Engineer Intern, May 2021 – August 2021
(Backend: Java , JavaScript (JS), Node, Express │ Frontend: React, HTML, CSS │ Other: Git)
- Led project direction, constructed milestones and sprints, assigned development tasks, and arranged meetings/stand-ups for a team of 3 junior level software engineer interns.
- Architect and designer of a full stack web app ran across all NCR point-of-sale systems.

## NCR – Data Privacy, Software Engineer Intern, June 2020 – August 2020
- Designed and developed a customer facing UI, using React, for submitting form requests to manage the customer's data to comply with GDPR and CCPA laws.

OPEN-SOURCE WORK (JavaScript (JS), React, HTML, CSS, Atom, Electron, NPM, Git)

## NTERACT, Contributor and Maintainer, May 2019 – 2022
- Implemented features such as view rendering, autocomplete, and syntax highlighting inside Hydrogen.
- Decreased Hydrogen's issue/bug count by over 50% by categorizing and resolving open issues.

## ATOM, Contributor, October 2019 – December 2019
- Solved mystery state leaks issues with flaky unit tests.
- Pioneered the ability to switch git branches using UI within Atom.
- Implemented a visual git profile ui to better indicate to Atom users which git account they are using.

## BOYS AND GIRLS CLUB @ GOOGLE (March 2023)
- Volunteered to co-lead 2 all-day instruction sessions for ~20 high school students where we taught about Google and gave a hands-on introduction into Software Engineering.

## LABORATORY FOR INTELLIGENT DECISION AND AUTONOMOUS ROBOTS
Georgia Institute of Technology, GA (January 2021 – May 2022)
- Data Analyst and Simulation Engineer (Python) on A1 Quadruped Hardware Team

## ASSOCIATION OF COMPUTING MACHINERY (ACM) (January 2019 – May 2020)
- Artificial Intelligence Club (Python) - Founding Vice President + Competitive Programming Team - Java Competitor

## AUBURN SMALL SATELLITE PROGRAM (February 2019 – May 2020)
- Communications Software Team (PHP, MySQL, JS, HTML, CSS)

## ROCKET LEAGUE @ GOOGLE (April 2024 + December 2023)
- Organized 2 networking social events for ~30 Googlers and friends to foster connection and bring the community at Google closer together. 100% Satisfaction Score via post-event survey.