

# Febin Joseph

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## EDUCATION

**Georgia Institute of Technology**, Atlanta, GA

*Bachelor of Science in Computational Media*

**Expected May 2025**

**GPA: 3.5**

- **Concentration:** Interaction Design and People
- **Extracurriculars:** GT Qurbani Dance Team (First Semester), GT Startup Exchange

**The University of Georgia**, Athens, GA

*Bachelor of Science in Computer Science*

**2021- 2022**

- **Honors:** Dean's List, Charter Scholarship, Academic Honor Roll (2021-2022)
- **Extracurriculars:** SGA First-Year programs, Advanced Computing and Machinery

**Brookwood High School**, Snellville, GA

**2017- 2021**

- **Honors:** Research Scholar, AP Scholar, State Honor Choir, Academic Honor Roll (2017-2021)
- **Extracurriculars:** Brookwood Executive Board, Student Body Secretary, Fellowship of Christian Athletes Exec VP, Choral Leadership Council, National Honors Society, Northside Hospital Volunteer

## TECHNICAL SKILLS

**Programming Languages/Environments:** Java, JavaScript, Python, C, C#, C++, Microsoft Office Suite, Unix, Linux, ARM

**Relevant Coursework:** Media Device Architecture, Data Structures and Algorithms, Software Development, Intro to OOP, Differential Equations Calculus, Discrete Mathematics

**Language:** Fluent in English and Malayalam, Intermediate proficiency in Spanish and Portuguese

## LEADERSHIP

**Marthoma Church of Atlanta** | *Exec Youth Secretary & Music Director*, Stone Mountain, GA

**August 2018 - Present**

- Produced and revised activity plans and brand partnerships for the Oasis Youth Fundraiser festival this year which raised \$1500 for the following years' service initiatives and proceeds for 7 Bridges to Recovery
- Spearhead youth fundraising initiatives to the Church executive board describing the purposes for implementing programs such as our newly annual Carmel Classic intranational basketball fundraiser accruing \$1200
- Craft empowering repertoires of musical compositions to be performed every other Sunday and led a team of 5 - 7 varying instrumentalists in effectively conveying authentic emotion through technically sound performance
- Engage a crowd of 240+ families each Sunday with encouraging messages of 2-minute length regarding conflicts in popular culture and how they may relate to any individual on a faith-based journey

**UGA SGA** | *First-year Leadership Incubate & Outreach Chair*, Athens, GA

**September 2021 - May 2022**

- Vocalized enhancements to campus engagement initiatives through Cabinet meetings and aided in obtaining a 5-dollar after-hours Lyft discount for all UGA students and a 15% increase in student worker wage
- Collaborated effectively with a team of peers to organize volunteering initiatives such as SGA Days of Service including 200+ volunteers and a supply drive for the Clark County homeless population collecting 30+ coats

## EXPERIENCE

**UGA School of Public and International Affairs** | *Research Assistant*, Athens, GA

**September 2021 - April 2022**

- Initiated 50+ interactions each day with research subjects of varying social dispositions to effectively guide conversation to gather crucial data for the release of political bills and referendums
- Optimally navigated difficult conversational situations to avoid conflict and bring each session of questioning into a more comforting and vulnerable space with a 20% greater questionnaire completion rate in relation to my peers

**Walmart Inc.** | *Digital Order Fulfillment Associate*, Stone Mountain, GA

**April 2021 - September 2021**

- Proposed and implemented a categorical organization system depending on the goods in each digital order as well as the time they might need be fulfilled increasing productivity by 10 - 15 orders daily
- Cultivated a tight knit team-oriented work environment through the utilization of an affirming yet critical suggestion style among coworkers and management to alleviate management-employee tensions
- Touched base with a minimum of 15 clientele a day, over phone and in person, to consistently evolve my service style and the service style of my team in a consumer-minded approach to order fulfillment

## PROJECTS

**Game Design**, Atlanta, GA

**August 2022 - Present**

- Designed 2 iterations of a final original game coding in C#/C++ in 4 weeklong development sprints reassessing after each period for an efficiently achieved final product
- Developed prototypes of original games such as Tetris, Dig Dug, and Snake utilizing impactful C concepts such as Affine Matrices, Abstraction, and Polymorphism

**Full Stack Development Course, Atlanta, GA****January 2023 - present**

- Applying Intermediate knowledge of CSS, HTML along with the full stack to create 16 side projects and interacting with familiar APIs and RESTful API to better understand user-centered design
- Independently familiarizing myself with full stack development pillars such as Node.js, React.js, MongoDB, and Mongoose to craft a holistic and empathetic developer approach

**iTunes Search Mockup, Athens, GA****January 2022 - April 2022**

- Parsed and formatted JSON objects to create a mockup of relevant images and album covers for 100+ songs and relevant searches
- Utilized threading to promote faster processing speeds and created an iTunes search API through Java and JavaFX
- Crafted functional GUI components such as drop-down menus for search filtration and progress bars to show processing times

**INTERESTS**

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- Cooking, Dance and Bollywood Fusion, Singing and Songwriting, Bibliophile, Journaling, Basketball, Volleyball, Ping Pong