# Justin Kachornvanich

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## EDUCATION

**University of Lynchburg** — Lynchburg, VA
*Bachelor of Science in Computer Science, and Data Science, Minor in Mathematics* — *August 2019 - Present*

**Central Virginia Community College** — Lynchburg, VA
*Associates of Arts and Sciences Degree* — *August 2017 - June 2019*

**E.C. Glass High School** — Lynchburg, VA
*High School Diploma* — *August 2015 - June 2019*

## EXPERIENCE

**Computer Science Tutor** — March 2021 - Present
*University of Lynchburg* — *Lynchburg, VA*
- Tutored students in introductory and some upper-level Computer Science courses
- Helped students understand introductory Computer Science topics and reinforce better coding techniques

**Mathematics Tutor** — August 2021 - Present
*University of Lynchburg* — *Lynchburg, VA*
- Tutored students in various Math and Statistics courses
- Calculus I, II, II, Differential Equations, Discrete Mathematics, Reasoning and Proofs, and Data Handling for Statistics

**Quantitative Analyst for the Student Managed Investment Fund** — January 2020 – Present
*University of Lynchburg* — *Lynchburg, VA*
- Created weekly technical analysis reports on specific equities
- Plotted and analyzed technical indicators
- Applied mathematical methods to risk manage equities

**Intern** — December 2018 - June 2019
*Vector-Space* — *Lynchburg, VA*
- Refurbished, remodeled, and duplicated electronic systems around the space
- Restored the space to its original clean condition after events
- Organized tools and projects around the space

**Head Coach for 11U Blue Ridge Youth Lacrosse Team** — January 2020 - March 2020
*Blue Ridge Lacrosse Club* — *Lynchburg, VA*
- Organized and managed practices
- Communicated with parents about practices and game schedules weekly
- Worked with the head coordinators to evaluate and improve aspects of the program
- Traveled with the team to bi-weekly tournaments

## PROJECTS

**Casino War Game | *C#***
- Text-based version of the casino game of war
- Implemented a stack using a linked list

**Medical Clinic Management Program | *C++***
- This project is a basic information system for a small clinic
- Information such as appointment dates, times, and designated doctors for each patient is stored in a text file that is utilized by the program

## SKILLS

**Computer Languages**: Python, C++, C#, Java, R, Lex, Yacc, LaTeX, HTML, CSS
**Developer Tools**: VS Code, Visual Studio, Microsoft Office, Git, MobaXterm, Eclipse, PyCharm
**Languages**: Fluent in English; Advanced proficiency in Spanish; Intermediate proficiency in Thai
**Personal Skills**: Detail Oriented, Organized, Time Management, Communication