

# THOMAS ECKER

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## PROFESSIONAL SUMMARY

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An exceptionally motivated technology professional and new graduate from the University of South Carolina (*Cum Laude* with a GPA of 3.5) pursuing an early career role with a dynamic company in software development or in a business or systems analyst role. Seeking a role where my technology skills along with past leadership experience and communication skills can be applied in a high impact manner.

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## EDUCATION

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### University of South Carolina, Columbia, SC

May 2022

Bachelor of Science in Computer Information Systems

Minor: Business Information Management

Graduated *Cum Laude* with GPA of 3.50, Dean's List (5 semesters), President's List (3 semesters)

Recipient of Academic Scholar – Distinction Award scholarship

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## TECHNICAL SKILLS

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- **Programming Languages / Tools:** Java, C++, MySQL, C#, Swift, JSON, COBOL, Visual Basic
- **Change Management / Code Management Tools:** Git, Scrum, Trello
- **Software Applications:** Microsoft Office (Excel, Word, PowerPoint), Visual Studio Code, Eclipse
- **Operating Systems / End User Experience:** Linux, Windows, Macintosh Operating System / macOS

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## RELEVANT COURSES

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Algorithmic Design I

Algorithmic Design II

Software Engineering

Database System Design

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## RELATED EXPERIENCE

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### University of South Carolina, Columbia, SC

*Student - Capstone Computing Project*

August 2021 – May 2022

- Completed a major team-based mobile application development project that incorporated many aspects of the Software Development Life Cycle, including project planning, software requirements analysis, design, specification, and testing.
- Used new technologies including software platforms, unit and behavioral testing libraries, and continuous integration tools.
- Performed quality assurance analysis on a software application.
- Collaborated with a group of three other students to code an iOS app in Swift that allows users to store credit cards and IDs, as well as passwords and bills.
- Delivered written reports and oral presentations in a technical setting.

### University of South Carolina / Computer Vision Lab, Columbia, SC

*Undergraduate Researcher*

May 2021 – August 2021

- Served in a lab whose main goals were to simulate basic human vision functions with computers and to develop novel image processing and machine learning applications to deal with practical applications.
- Reported directly to a Research Scientist in the Research Computing unit in the University's Division of Information Technology.
- Fulfilled job duties to support research tied to image processing.
- Conducted research and used LabelImg, a tool used to help machine learning algorithms identify text from images.

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## LEADERSHIP

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### University of South Carolina Marching Band / Mighty Sound of the Southeast

*Social Media Coordinator*

March 2020 – December 2021

- Created and maintained social media posts for one of the nation's premier college bands with 350 members.
- Interacted directly with the band directors to obtain information needed to create posts on past marching band directors in honor of the marching band's centennial celebration.

*Show Planning Committee*

April 2019 – August 2019

- Attended meetings with 10-15 other students to brainstorm potential marching band halftime shows for the upcoming season.
  - Reviewed list of generated halftime show ideas and assessed whether the band could play certain tunes that would fit the theme of the show.
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## EXTRACURRICULAR ACTIVITIES

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### University of South Carolina Cybersecurity Club

January 2019 – April 2019

- Actively participated in this campus organization along with other students interested in computer, network, and physical security.
  - Learned from presentations on cybersecurity and different techniques used to protect systems, networks, and programs from digital attacks.
  - Participated in a capture the flag competition in Charleston, SC and competed against other colleges to solve a variety of different tasks.
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## OTHER WORK EXPERIENCE

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- Party City – Sales Associate
- Harris Teeter – Cashier

May 2020 – August 2020

May 2019 – May 2020