Kevin Dasrath

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Education

University of Central Florida | Orlando, FL   *Expected Graduation: Spring 2025*
Bachelor of Science in Computer Science   *GPA: 3.9*

Skill Summary

Proficient in: C, Miscrosoft Office (Certified), Adobe Premiere Pro (Certified)
Knowledgable in: Java, Adobe Photoshop
Exposed to: JavaScript, CSS, SolidWorks

Projects

Hill Cipher Encryption
- Created a program in C that encrypted the contents of a file using Hill matrices ranging from sizes of 2x2 to 9x9
- Program received a file of plaintext and a file containing a key in the form of a matrix used for encryption
- Utilized arrays to store the contents of both files, using basic math operations to generate the ciphertext

Math Game
- Wrote clean and documented code in C, making a game that gave users the choice between numerical based games
- Games would randomly generate math related puzzles and questions for players, allowing for a unique experience each play
- Utilized time functions to implement a scoring ability that would assign users a point-based score

Personell Management System
- Created a program using Java that allowed users to input various information about University workers and students
- Used knowledge of inheritance, abstract methods, and classes in order to create 3 separate objects that users would write to
- Implemented the ability to create, delete, and print out object information, all of which was stored in one data array
- Designed a function that created a separate text file allowing users to print out the array organized based on object subclasses

Relavent Course Work

Completed:	In Progress:
- Security in Computing	- Matrix & Linear Algebra
- Computer Science I	- Introduction to Discrete Structures
- Object Oriented Programming	

Employment Experience

Chili's | Server & ToGo Specialist   *December 2021 - Present*
- Served hundreds of customers daily, making suggestions catered to their specific interests
- Fulfilled up to two hundred in-person, over-the-phone, and online orders daily in a timely manner
- Utilized menu knowledge to upsell guests with add-ons and limited time offers, reaching up to $1500 in daily sales
- Coordinated with team members in a fast-paced, dynamic environment to ensure the quality of every meal

Winn Dixie | Grocery Associate   *April 2021 - December 2021*
- Created an enjoyable shopping experience by building meaningful relationships with shoppers
- Oversaw reception of shipments and stocked store while maintaining cleanliness and organization
- Resolved customer grievances through communication and by helping work towards a clean solution
- Used product knowledge to help shoppers quickly find the items they need

Involvment

Theta Tau - Co-ed Professional Engineering Fraternity   *November 2023 - Present*
- Helped plan and organize events for the fraternity, with attendance of up to 50 individuals
- Participated in a local clean-up of Lori-Wilson Park, picking up and disposing of trash left on the shoreline
- Coordinated meeting times around the schedules of members, using time management tools such as Google Calendar

Destination Mars - Kennedy Space Center Kickoff   *October 2023*
- Guided and supervised groups of up to 20 participants made up of students from the surrounding Elementary Schools
- Handed out resources and facilitated discussion among the youth
- Reset each station between groups, setup computers, and assisted chaperones with each of the tasks that their party was assigned