HEAVENLY MEDINA

CONTACT

732-822-8626

medinah2@tcnj.edu

• Howell, NJ, 07731

in www.linkedin.com/in/heave nly-medina

EDUCATION

BS in Computer Science Minor in Interactive Multimedia

The College of New Jersey Ewing, NJ | May 2021

SKILLS

- Languages:
 - Javascript/Typescript
 - Java
 - Python
 - Ruby
 - C/C++
 - C# with Unity 3D
 - HTML
 - CSS
- Tools/Frameworks:
 - Xcode
 - lonic
 - Ruby on Rails
 - Visual Studio
 - WebGL
 - Jupyter Notebook
 - GitHub
- Media Tools
 - Adobe Photoshop
 - Premiere Pro
 - iMovie
 - Google Suite

PROFILE

Looking for an entry-level software development position using a computer science background, strong analytical and problem-solving skills, as well as creativity and design aspects.

PROJECTS

ENVIRONMENTAL MOBILE APPLICATION DEVELOPMENT

TCNJ | AUG 2020 - PRESENT

 Working with 2 students and a research mentor to develop a cross-platform application to support green initiatives on campus. Implemented through development tools within the Ionic framework such as Typescript, Angular, CSS, and HTML for front-end development and integration of the interface to backend scripts.

VR THERAPY SIMULATION FOR COGNITIVE ANXIETY DISORDERS TONJ | AUG 2020 - DEC 2020

 Collaborated with a large team to develop a VR simulation to help treat cognitive anxiety disorders through C# in Unity 3D. The final build provided an immersive experience for users to interact with different environments and yield different responses based on user interactions and choices.

OPEN SOURCE REPORTING PLATFORM

TCNJ | JAN 2020 - MAY 2020

 Developed an open-source web application using Ruby on Rails for victims of assaults to anonymously report offenses to Title IX administrators on campus.
 Source control was managed on GitHub and accompanied by UML diagrams.

BIKING INCENTIVE MOBILE APPLICATION

TCNJ | JAN 2020 - MAY 2020

 Led a team in the development of a mobile iOS application through Swift to generate rewards within local businesses based on miles biked. Included QR scanning and milage trackage to redeem coupons. The workflow was completed using the Agile software development process.

EXPERIENCE

STUDENT SOFTWARE DEVELOPER

TCNJ | EWING, NJ | 2020 - PRESENT

- Work with Software Engineering students to set up process for version control and management of GitHub repositories
- Help students with technical issues related to a collaborative project
- Merge modules, clean up, and complete development

ILLUSTRATOR/OFFICE ASSISTANT

S&J ASSOCIATES INC. | FREEHOLD, NJ | 2015 - 2019

 Illustrated images to be implemented in language textbooks for children and organized digitized files

COMMUNITY ENGAGEMENT

COMPUTER SCIENCE REPRESENTATIVE

- TCNJ | EWING, NJ | 2018 PRESENT
 Aid in setting up computer science colloquiums
- Represent computer science department for potential incoming students

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March 30, 2021

Hiring Manager JPMorgan Chase & Co. 575 Galloping Hill Road, Kenilworth, NJ 07033

Dear hiring manager:

This letter addresses my interest regarding your posting on LinkedIn for a Software Engineer. As an upcoming graduate this spring with a Bachelor's degree in Computer Science and a minor in Interactive Multimedia, I feel as if I would be a beneficial asset to the JPMorgan Chase Development team.

During my education at TCNJ, I have been introduced to varying software development life cycle processes to better understand how to manage development in smaller projects as well as in more generalized large-scale productions. I have practiced using different development processes in varying projects and maintain efficient UML documentation to ensure that team projects that I am a part of run smoothly and efficiently. I have also gained experience with interacting with clients to ensure that software being developed is able to meet their needs through effective communication and regular stakeholder meetings.

I have managed multiple group projects that have taught me the importance of proper documentation, and excellent oral and written communication skills in order to debug, analyze, and develop code from other individuals. Additionally, these group projects have allowed me to work well and efficiently within a team through varying development processes as well as independently to ensure that my work benefits the team.

My enclosed resume further expands and highlights my qualifications as well as relevant projects. I can be contacted via email at medinah2@tcnj.edu or directly through my cellphone at 732-822-8626. Thank you for your time and consideration. I hope to speak with you soon about this wonderful opportunity.

Sincerely,

Heavenly Medina

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