Peter **Nguyen**

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A computer scientist seeking a position to hone my skills in software development, integration, and testing.

PROJECTS

- **Card game** (C#, C)
  - Developed a framework for an interactive collectible card game using the Unity game engine.
  - Users can move and place cards on a playing field, each card triggers a specific audio to play when held.
  - Cards are automatically dealt from a database of prefabs to a hand, each card containing unique numbers.
- **Personal website** (HTML, CSS, Javascript)
  - Implemented a phone-friendly format by adding a hamburger menu with a pull-down menu into the website so it is readable and easily navigable
  - Features directed navigation using logos, highlighted hovers, clickable links to outside sources, and user-friendly formating

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EDUCATION

California State Long Beach, Long Beach — Bachelor of Science in Computer Science   *Dec. 2019*

  Coding Projects:
- **Data visualization** (Python)
  - Extracted data from Spotify's public API, converted them into CSV files, and added additional specifications.
  - Mapped data from CSV files to different mediums of visualization (bar graphs, bubble maps, heatmaps, etc..).
- **Forum based website** (Javascript)
  - Lead back-end development of a web application utilizing frameworks and server routing techniques.
  - Allowed users to register a password and username for profile creation; data is saved to a MongoDB database.
  - Validated and persisted user login information using private/public keys through a MongoDB database.
  - Displayed posts and comments from a database on a homepage with an option to post/comment for users.

LANGUAGES / TOOLS

- Python, R, Java, C, C#, C++, Javascript, MongoDB, HTML, ExpressJs, ReactJs, NodeJs, SQL, Unity

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WORK EXPERIENCE

- **Summerfield,** Garden Grove / Santa Ana - Barista   *Aug. 2023 - Present*
  - Delivered inventory between locations, ensuring the proper amount of inventory during business.
  - Expedited transactions of cash flow through a point-of-service system and accurately delivered customer orders.
- **Popeyes,** Westminster - Cashier   *May. 2023 - Aug. 2023*
  - Performing in a dynamic work setting, effectively engaging with customers through clear communication.
- **California State Long Beach,** Long Beach - Media Assistant   *Sep. 2021 - Jun. 2022*
  - Streamlined the production process of video and photo content for large-scale projects. This involved utilizing various multimedia software tools to research and implement best practices for enhancing visual and audio quality, as well as ensuring effective organization of large media files.