

# Nicolas Leon

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GitHub: <https://github.com/NickLeon92>  
Linkdin: <https://www.linkedin.com/in/nick-leon-5b338aa3/>  
Portfolio: <https://nickleon92.github.io/NL-Developer-Portfolio/>

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## Education

**University of Richmond**, May 2021- November 2021  
Certificate in Full Stack Web Development, (A+ course average)  
**Virginia Polytechnic Institute and State University**, August 2011 - December 2015  
B.S Engineering Science and Mechanics

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## Skills:

- Languages: HTML5, Javascript, CSS, SQL, noSQL
  - Applications: GitHub (multi-contributor projects), VS Code, GitBash, Chrome DevTools
  - Tools: ReactJS, NodeJS, Express, MongoDB, MYSQL2, Socket IO, Bootstrap, various web API's
  - Soft skills: Teamwork, Interpersonal Communication, Leadership, Adaptability, Problem-Solving
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## University Coding Projects:

- Realtime-Rooms (**deployed app:** <https://realtime-rooms.herokuapp.com/>)
    - Summary: React and Socket IO powered realtime group chat application complete with chat room histories, user online status indicators, and live notifications for new messages in your saved rooms
    - Responsibilities: Sole Project Developer. Built everything from database to UI from scratch
    - Technology: Socket IO, React, MongoDB, NodeJS, Apollo, ExpressJS, JWT's, React-Bootstrap, Heroku (deployment)
    - **link to repository:** <https://github.com/NickLeon92/live-chat-app>
  - Social Game Library (**deployed app:** <https://secret-beach-64321.herokuapp.com/>)
    - Summary: Social Media Site for sharing games you've played and how you've rated them
    - Responsibilities: Develop "Add Friend" feature; Develop Friends List side-bar to display your current friends; Develop "Social Feed" to see games your friends have added
    - Technology: MYSQL2, ExpressJS (NodeJS), Handlebars, Bootstrap, Heroku (deployment)
    - **link to repository:** <https://github.com/Gaitherdb/Social-Game-Library>
  - Open Tech Blog (**deployed app:** <https://open-tech-blog.herokuapp.com/>)
    - Summary: Public, server hosted, blog for tech related posts
    - Responsibilities: Develop user login functionality for posting, as well as commenting functionality on other users' posts
    - Technology: MYSQL2, ExpressJS (NodeJS), Handlebars, Heroku (deployment)
    - **link to repository:** <https://github.com/NickLeon92/MVC-Tech-Blog>
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## Work Experience

### **Applications and Mechanical Engineer** **Power Systems And Controls**

**2019-2021**  
Richmond, Va

**Summary:** Design and lead development of mechanical systems for various government contracts

#### **Key Accomplishments:**

- Coordinated with project management and shop floor fabrication teams to lead mechanical development of military SCIFs (Sensitive Compartmented Information Facility)
- Designed 3D structural solutions in Autodesk Inventor for customer needs and translated them into 2D assembly drawings for fabrication/installation teams

### **Nuclear Engineer**

#### **Huntington Ingalls, Newport News Shipbuilding**

**2016-2019**  
Newport News, Va

**Summary:** Provided engineering planning and problem solving to the overhaul and repair of the nuclear power plants onboard Nimitz class aircraft carriers and Virginia class fast-attack submarines