Neil Elkadi

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Objective

To create software engineering solutions in a fast paced environment while building on technical and leadership skills.

Work Experience

Computer Science Tutor   *Valencia Tech Club - Orlando Florida*   **Jan 2023 - present**
- Assist students with their programming languages and computer networking classwork and projects
- Help students meet courses requirements and advise them regarding academic plans
- Provide IT support and help desk services

DevSecOps Administrator   *King's Playground - Online Community*   **Sep 2019 - Dec 2022**
- Performed tasks related to automation, configuration, and deployment of game servers in the cloud
- Performed tasks relating to integrating, testing, and upgrading of existing system components
- Performed security analysis to identify vulnerabilities and mitigate threats by applying the appropriate security measures and updates
- Managed MySQL database and performed migrations, restructuring, and repair

Leadership Experience

President   *Valencia Tech Club / Student Club - Valencia College, Orlando Florida*   **Jan 2023 - present**
- Improve project management, coordination and communication with web infrastructure
- Manage on-site setup of technologies and software for in-person events
- Collaborate with web app developers to ensure meetings of criteria

Projects

Valencia Tech Club Site   *Valencia Tech Club*   **50 hrs**
- Created a ReactJS web app with Firebase backend for club management
- Designed initial page layout using React-Bootstrap and SCSS styling
- Implemented Google Cloud for login functionality

Staff Web Panel   *King's Playground*   **300 hrs**
- Developed a web app with a panel-based design using ASP.NET Blazer for player management
- Developed ASP.NET REST API to enable integration of core logic by external services
- Created server-side game plug-in for API consumption and player activity automation

Unofficial Engage API   *Valencia College*   **20 hrs**
- Created a TypeScript Project serving an ExpressJS REST API for serving data and starting web scraping
- Implemented web scraping for the appropriate API routes using the Puppeteer package
- Integrated SQLite database to store scrapped web data

Education

Bachelors in Applied Science; Computing Technology & Software Development, *Valencia College, Orlando, FL*
GPA: 3.62   Projected Graduation: Summer 2025

Associates In Science; Computer Programming & Analysis, *Valencia College, Orlando, FL*
GPA: 3.47   Graduated: December 2023

Skills

Operating Systems: Arch Linux, Ubuntu Linux (Server and Desktop), Linux Mint, Windows Server, Windows 10
Programming Languages: JavaScript, TypeScript, C#, Java, C, C++, Python, Bash, Shell
Others: Git Version Control, GitHub, GitLab, Project Management, Microsoft Office Suite, ASP.NET Blazor, ReactJS