Ricky Ly

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Education

University of California, Irvine   *Graduation Date: March 2023*
Bachelor of Science in Informatics   *Cumulative GPA: 3.437*
        Specialization in Human-Computer Interaction
Relevant Coursework
Object-Oriented Programming, Probability and Statistics for CS, Requirements Analysis and Engineering, Human Computer Interaction, Data Structures, Software Design: Applications, Project Management, User Interaction Software, Social Analysis and Ethics of Computing

Project Experience

YourEdvisor (Senior Capstone Project)   *Language(s) Utilized: HTML, CSS, JavaScript*
- Designed and implemented a prototype to encapsulate core processes and elements of college matriculation such as applications, counseling, and research.
- Employed agile methodologies and collaborative tools (Discord, Slack, Jira, GitHub) to drive productivity and maintain project scheduling and milestones.
- Selected for the 2022 Dallas Capstone Design Expo, where our product garnered industry recognition.

Personal Online Portfolio   *Language(s) Utilized: HTML, CSS, JavaScript*
- Responsive design allows the site to be accessed at all viewports.
- Quality of life enhancements such as social media links, a sticky navigation bar, and smooth page scroll transitions for an intuitive browsing experience.
- Domain: *rickyly1.github.io*

ToDo List App   *Language(s) Utilized: HTML, CSS, JavaScript*
- Implemented essential checklist features for task management (add, remove, edit, mark as complete)
- Utilized local storage for retention of added tasks between application sessions.

Text Editor   *Language(s) utilized: Java*
- Developed a Java Swing-based lightweight text editor with essential functionalities like undo/redo, font customization (size, style, color), text formatting (underline, bold, italic), and clearing text.
- Utilized simple data structures such as arrays and stacks.

Skills

Languages and Frameworks
- Python, Java, C++, HTML, CSS, Bootstrap, JavaScript, TypeScript, Ionic, SASS, Node.js, and Angular

Applications and Production
- Design and Development: Figma, Adobe XD, Sony VEGAS Pro, Bootstrap Studio
- Management: Discord, Slack, GitHub, Atlassian/Jira
- System Requirements Development, Design and Development Cycles, Project Management, Wireframing and Prototyping, Mobile-First Design, Cost and Risk Analysis, Schedule Analysis, Scrum and Agile