Noah Saldaña

iOS Developer and Designer

Empathetic engineering and Human-Centered Design above all

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bit.ly/NoahSPortfolio

Education

Washington University in St. Louis

BS in Computer Science, May 2020

Coursework
- Video Game Programming I/II
- Mobile Application Development
- Analysis of Algorithms
- Rapid Prototype Development and Creative Programming

Skills

Computer Science

JavaScript | Swift | Node.JS | C# | C++
Python | PHP | SQL | Java

Design

Design Thinking Model | Human-Centered Design | Iteration | Storyboard
Data Visualization

Tools

Unity | Fusion360 | XCode | Rhino | Pruse3D
Laser Cutting | Git | 3D Printing | Arudino
AR | MySQL | MongoDB

Awards

Core77: Social Impact Award

bit.ly/Core77Award

Award won for the Skills Vest: a vest aimed at helping children with Cerebral Palsy to practice their fine motor skills

Work Experience

Studio Instructor *July 2017 - Aug 2019*
Nuvu Studios
- Taught and guided 50+ middle and high school (8 – 17 years old) students in collaborative projects within the design thinking framework
- Emphasized on team-building and technical skills such as laser cutting, 3D printing, Rhino and the Design Thinking Model
- Had to adapt to and teach fast changing technologies like Video Games in AR and Self-Driving Cars

Teaching Assistant *Sept 2019 - Dec 2019*
Video Game Programming
- Guided 60 students on weekly assignments aimed at developing skills in Unity and C#
- Provided weekly feedback on semester long 2D game projects

Teaching Assistant *June 2018 - Aug 2018*
Rapid Prototype Development
- Provided feedback and debugging on student projects varying from building Linux Web Servers in Apache to modern web applications in client-side and server-side Javascript
- Led bi-weekly office hours aimed at assisting students with further questions

Major Projects

Discord Bot *May 2020 - Present*
bit.ly/EloBot
- Identified faults in currently used "rating" tracking bot on Magic the Gathering Discord Server
- Began conversations with other designers in server to improve current bot
- Lead developer, designer and prototyper using Node.Js and MongoDb

MTGM *July 2019 - Dec 2019*
Magic the Gathering Manager - bit.ly/MTGMApp
- Saw other similar products locking features behind paywall, decided to create app for friends and family as a free alternative
- Solo developed, designed and prototyped using Xcode and Swift