Victor Aung

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Education

Northwestern University — Bachelor of Science in Computer Science
Evanston, Illinois | September 2017 - June 2021 (Anticipated)
- Major GPA: 3.840/4.000, Cumulative GPA: 3.615/4.000
- Music Technology Minor
- Northwestern Science and Technology Scholarship Recipient, QuestBridge Scholar

Select coursework: Data Structures, Discrete Math, Computer Systems, Software Development Processes, Human-Computer Interaction (UI/UX Design), Game Design and Development

Experience

Software Engineering Intern — Relativity
Chicago, Illinois | June 2019 - September 2019
- Updated legacy .NET C# application, used thousands of times a day, to meet new infrastructure standards.
- Migrated application for compiling developer code to build and test on new Jenkins pipeline.
- Wrote golden flow and error scenario unit tests with dependency injection to pin down core functionality (NUnit).
- Integrated an Inversion of Control container to reduce unnecessary dependencies throughout codebase.

Research Assistant — TIDAL Lab
Evanston, Illinois | March 2019 - Present
- Created Python lesson plans aimed towards teaching middle school students to code through music.
- Developed features for music coding platform where students can generate audio by writing pseudocode.
- Designed and implemented batch account creation capabilities using Dart, Python, and SCSS.

Lead Consultant — Northwestern University Information Technology
Evanston, Illinois | September 2017 - Present
- Promoted to Lead Consultant after successfully resolving thousands of technological issues across campus.
- Increased team capabilities by hiring, mentoring, and managing several new service desk analysts per quarter.

Freelance Web Developer — Viet Nom Nom
Evanston, Illinois | February 2019 - September 2019
- Designed, developed, and maintained custom multi-page website for locally-owned Evanston restaurant.

Projects

Ourly (Winner: N.U.D.M Tech Challenge)
- Mobile app created to streamline processes for a Chicago nonprofit organization (created using React Native).

Memerdreamr (Best Use of Snap Kit: Uncommon Hacks 2019)
- Fun "noisy" website generator with Bitmoji features through integration with Snapchat API.

LaunchParty
- Multiplayer 2D party game made for Pioneers of Interactive Entertainment (created using Unity Game Engine).

Kaiten (Design Engineering Project for Shirley Ryan Ability Lab)
- Tool for helping patients with cervical-level spinal cord injuries practice and improve motor functions.

Skills

- **Front-End:** HTML/CSS/SCSS, React, React Native, Javascript
- **Object Oriented:** Python, .NET C#, C++, Java
- **Developer Tools:** Git, Agile, Jira, Jenkins, NUnit, Figma, Castle Windsor (.NET IoC Container), Firebase