

Nicolas Pak

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EDUCATION

Indiana University, Bloomington, IN

Bachelor of Science in Informatics

Minor: Human Computer Interaction

Relevant Coursework: Design & Development of Information System, Visual Foundations of HCI, Web Design, Model Systems Design & Constructions, Mobile HCI Design, Methods of HCI, Application Development, HCI Design & Programming, Information Representation, Information Infrastructure

May 2020

GPA: 3.438/4.0

SKILLS

- **Web Development:** HTML, CSS, JavaScript, Bootstrap, Angular.js, Node.js, Vue.js
- **Design Tools:** Adobe Illustrator, Adobe XD, Sketch, Figma
- **Programming Languages:** Java, Python, Swift, Android Studio, C++, C
- **Design Methods:** Affinity Diagramming, Storyboards, Personas, Wizard of Oz, Usability Testing, Wireframing, Prototyping, Contextual Inquiry, Surveys

EXPERIENCE

Healthcare Journey Undergraduate Lab, Indiana University, Bloomington, IN

November 2019 - Present

Web Developer

- Founded a web development team within the Undergraduate Research Lab by effectively communicating between 8-10 people on Slack, increased the web development team members from 2 people in the beginning of the school year to currently 7 people.
- Wireframed the team website using Adobe XD and developed an Undergraduate Research Lab website using HTML, CSS, Bootstrap, JavaScript and JS libraries to allow both lab members and non members to access the lab website, allowing people to view the latest news in the lab and to display current studies conducted by the lab members.
- Conducted a user testability to all 20 team members after a one month design sprint. Gained the data and feedback from the users, and improved the user interface accessibility by average of 0.3 seconds.

Coding with Kids, Redmond, WA

May 2019 - August 2019

Coding Instructor

- Taught web and application development to total of 150 middle school students and high school students by designing visual study guides, exams and worksheets, which increased student and customer's satisfaction rating from 4.4/5 in the beginning of the lecture to 4.7/5 at the end of the lecture.
- Measured student's progress by providing quizzes and exams in the beginning and the end of the course. Increased student's average test score by 20% through detailed curriculum and one-on-one course reviews.

PROJECTS

Vici Transport, Bloomington, IN

September 2019 - Present

Senior Capstone Project

- Designed *Vici Transport*, a mobile application for luxury car booking using Adobe XD. Conducted a user testability of high fidelity mockups after six week long Agile sprints and gathered user accessibility data. Implementing design and functionality code using Swift.

HomeGoFood, Bloomington, IN

September 2019 – December 2019

HCI Course Project

- Conducted user research through interviews, observation and surveys to gather data and information on home cooked meals. Designed *HomeGoFood*, a social platform for sharing home-cooked meals. Conducted a user testability with 50 people and thoroughly documented user painpoints.

LEADERSHIP

UX Design and Research Club at IU, Bloomington, IN

December 2019 - Present

Founder, President

- Founded the UX Design and Research club at Indiana University, to help college students to discover their interest in HCI/UX Design and help to enhance student's skills as a HCI/UX Designer, UX Researchers.
- Enhancing the member of the club by designing flyers using Adobe Illustrator, and by advertising the club using Slack, increasing the membership from 10 to 34 people.