JOSEPH VAN HORN

Chicago, IL | vanhornjoe8@gmail.com | 847-612-8695 | LinkedIn Profile | Kappa Sigma Beta-Rho, UI Class of 2019

- **Resourceful Software Engineer/Informatics & Computer Science Graduate** leveraging tools and methodologies to manage creative digital resolutions to meet both company and client needs. Design, develop and implement human-computer interaction experiences aligned with set policies, customer requirements, and IT standards. Seeking to join a novel team to ignite further personal and professional development within strategic informatics and IT frameworks.

- **Blended real-world and academic data/software achievements** that include success in quality application creation in support of managing end-to-end technology projects within high-demand, ever-evolving environments. Excellent written, verbal, and interpersonal communication skills that drive the cultivation of healthy working partnerships and aid timely solving of complex challenges such as sustained performance, scalability, and data integrity.

Software Development Lifecycle (SDLC) | Critical Thinking & Analytical Skills | Object-Oriented Design (OOD)/Programming Database Management | Data Analytics | Script Writing |Project Management | Agile Principles Understanding | QA Management| Discrete Mathematics | Framework Management | Data Structures | New Product Design/Builds

EDUCATION

Bachelor of Arts, Informatics, Minor in Computer Science – University of Iowa, 2015-2019
Informatics Cognate: Human-Computer Interaction **|** Kappa Sigma Beta-Rho
Kappa Sigma Fraternity involvement includes Social Media Manager; Intramural's chair
Career Leadership Academy Part 1 & 2
Northwestern University, 2019 | Full Stack Development Bootcamp

TECHNICAL SKILLS

JavaScript | SQL | CSS | Node.js | jQuery | AJAX Python | HTML | Java | PHP | React | JSON | Microsoft Word/Excel
Oracle Servers | Data Visualization | Data Analysis | Application Design | Queries | Routing | APIs

PROFESSIONAL EXPERIENCE

Front-End Web Developer | RealtyAds Digital Advertising   November 2019 to February 2020
- Deliver quality front-end software development by applying PHP, SQL, HTML, CSS, JavaScript, Node, jQuery, and JSON.
- Query writing for data optimization; build web features and automation based on user interaction data log analysis.
- Use advertising network APIs to request and parse JSON responses according to established workflows, requests, and scope.
- Collaborate with colleagues to manage team projects; work autonomously to create client-facing web applications aimed to increase the user-experience leveraging innovative web servers.

Full Stack Web Development Bootcamp | Northwestern University   August 2019 to November 2019
- Participated in immense learning and hands-on development of essential web development concepts and methodologies.
- Perform daily exercises designing, building, testing and deploying full-stack web applications within multiple teams.
- Explored notions, applied knowledge, and created diverse simulated solutions using JavaScript, SQL, HTML, CSS, AJAX, Java, Python, git/version control, Node.js, React, SDLC, mongoDB, database management, and design.
- Demonstrated high-learnability of technologies, analytics and programming languages to build functional web apps
- Contributed to full application builds with git, GitHub and version control in teams of no less than 3; collaborate using project boards to communicate with peers, organize/manage project data, and log task completions.
- Attained success in creating databases, SQL queries, routing, and APIs (google maps API projects).

Software Developer / Software Engineer Internship | RealtyAds Digital Advertising   April 2019 to July 2019
- Developed skills finalizing tasks as a full-stack software developer using PHP, SQL, HTML5, CSS, JavaScript, jQuery, and AJAX.
- Administered daily projects; developed a unit test for specifications and maintained/enhanced existing applications.
- Expanded fluencies related to adding features to web pages, git utilization, version control, and database design.

Enterprise Instructional Technology Consultant | University of Iowa EIT   August 2018 to April 2019
- Manipulated, analyzed and built data visualization dashboards via HTML5, CSS, MySQL, JavaScript, Node.js, and Tableau.
- Gained insight on data integrity related to annual University software usability and performance measurements/analytics.
- Served as a member of the Tech Ops Team supporting collaborative workflows managing the learning management system (LMS); exhibited the ability to shift between self-sufficiency and team-centric culture to close tasks within strict deadlines.
- Led the success of projects which aided in the learning of the ins & outs of the software and technical best practices.
- Completed projects including Machine Learning, built a neural network to predict NFL games using Python and Database Management, created a complete MLB stats database using Oracle server.