Joel Koreth

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Education

University of Illinois at Chicago   **Aug 2018 – Dec 2021**

Bachelor of Science in Computer Science

Relevant Coursework: Algorithms, Data Structures, Languages and Automata, Computer Design, Programming Practicum, Mathematical Foundations of Computing, Introduction to Supercomputing, Parallel and Distributed Processing, Software Engineering I, Principles of Concurrent Programming.

Skills

Web Development: Bootstrap, HTML, PHP, CSS   **Web Services**: Apache, Linux/Unix Administration
Programming languages: C#, C, C++, Dart, Java   **Tools**: Azure DevOps, Firebase, CocoaPods, MySQL

Experience

AnA   **Jun 2021 – Aug 2021**
- Designed and created an API for Kerala State Lottery Web Interface and App updates.
- Configured services to check for new results and push updates to devices.

Intekor   **Jun 2020 – Sept 2020**
- Created a data management web interface using PHP and MySQL for technical support staff and admins.
- Integrated Javascript libraries into custom dashboard made with CSS and HTML for data visualization.
- Configured Azure DevOps for Continuous Integration and Continuous Deployment for iOS and Android.

HexaneTech   **Jun 2019 – Nov 2019**
- Set up Apache server for a website, blog service, a Git server, and a Nextcloud server under DDNS.
- Worked with Wordpress and its PHP and Custom CSS sections to fit client's needs.
- Interacted with clients for development feedback and communicated regular reports

Projects and Activities

Google CSSI-Coursera   **May 2018 - Aug 2018**
- Participated in an online program run by the Google Student Development team and powered by Coursera, including taking an online class in "Java Programming: Build a Recommendation System", technical interview prep, and collaboration with other incoming Computer Science students.

VIN-Bladel   **Aug 2017 - May 2018**
- Led a team to develop a car repair and part management mobile app for automotive courses
- Integrated VIN decoding API integraIon from barcode scanning and Firebase integration for cloud sync

Google Code-In   **Winter 2016 and 2018**
- Collaborated with organizations such as Ubuntu, KDE, and Haiku in tasks such as testing applications, writing documentation, and fixing build configurations for Continuous Integration.

A Soldier's Journey Home   **Sept 2015 - Apr 2016**
- Volunteered to create a website for A Soldier's Journey Home with a team of other students