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XXXXXXX, XX XXXXX   (XXX) XXX-XXXX   XXXXXXXXXXXXXXXXXXXXX

OBJECTIVE

Experienced with web development, Android. Seeking an entry-level software engineer position in web application development or mobile application development.

EDUCATION

XXXXXXXXXXXXX   *Sep 2017 - Aug 2019*
M.S., Electrical Engineering; GPA: 3.5/4.0   *XXXXXXXXXX*
- **Relevant Coursework**: Algorithm, Data Structure, Database, Web Development, Software Engineering Foundation

XXXXXXXXXXXXX   *Sep 2013 - Jun 2017*
B.S., Electrical Engineering   *XXXXXXXXX*
- **Relevant Coursework**: C++ Programming, Machine Learning, Artificial Intelligence, Computer Network

WORK EXPERIENCE

XXXXXX University Laboratory   *May 2019 - Present*
Software developer Intern   *xxxxxxxxxxxx*
  Work as a member of the xxxxxxxxxx group, design and develop new features.
- Designed and implemented server-side API for sensor network configuration and sensor data communication using **JAVA**, **Spring MVC**, and **Hibernate**.
- Collaborated with the team on sensor network structure automatic exploration feature by sending request to the sensor node and parsing the returned data, which decreases loading time for sensor network information by 95%.
- Built interactive pages which allow users to get sensor information, monitor real-time data, and check history data using **AJAX** and **Bootstrap**.
- Utilized **Maven** to manage dependencies and **JUnit** to test the system with coverage of 92%.

XXXXXXXXXXXXXXXXXXXXXX Co., Ltd   *Dec 2018 - Feb 2019*
Software developer Intern   *xxxxxxxxxxx*
  Worked as a member of the technical group, develop the backend of the Wechat official account.
- Developed a **RESTful** API to parse and response user requests for order information using **Golang** and **Firebase**.
- Implemented URL and token authentication to protect system security.
- Created a test script with coverage of 95%.

SELECTED PROJECTS

Ride-sharing Android App   *Jun 2019 - Sep 2019*
- Built driver and user systems where users can request rides and drivers can accept requests with **Android Studio**.
- Developed the tracking driver feature and the finding nearby requests feature based on Google geolocation.
- Utilized **AWS** to store user information and developed user authorization and authentication logic.

Movie Recommendation System   *Nov 2018 - Feb 2019*
- Preprocessed data including 100k movie ratings, 1k users information, 2k movie information using **Python**.
- Trained model on the dataset by applying **Collaborative Filtering** algorithm and **SVD** approach to get similarity based on Pearson correlation value, improved 10% model performance by tuning hyperparameter based on Grid Search.

Food Ordering Web Application   *May 2018 - Aug 2018*
- Built a responsive system with reusable components and designed UI for food ordering using **Node.js** and **React**.
- Managed app state and created actions and reducers for resources with **Redux**.
- Implemented asynchronous page updating with **AJAX** and improved page loading time by 18%.

TECHNICAL KNOWLEDGE

  Skill: Java, C++/C, JavaScript(ES6), Android, Golang, Python, HTML, CSS
  Database: MySQL, PostgreSQL, MongoDB, Firebase
  Tools & Frameworks: Spring Boot, React, Redux, Node.js, Express, Hibernate, AJAX, Maven, AWS, Git, Junit

Work Eligibility: Eligible to work in the U.S.(OPT holder)