MAXWELL K. JOHNSON

Madison, WI 53703
www.linkedin.com/in/kabotko/
www.kabotko.com/

847.951.7423
maxwellkjohnson1@gmail.com

EDUCATION

University of Wisconsin, Madison, WI   May 2022
Degree: Bachelor of Science
Major: Computer Engineering & Computer Science (double major)
GPA: 3.86/4.00

EXPERIENCE

Software Developer, Epic Systems Corporation, Verona, WI   July 2022 - Present
Data Aggregation
- Enhanced usability, performance, and accessibility of a complex front-end user application, leveraging React to streamline controls, display errors, and eliminate ill-performing code resulting in a 20-fold performance increase.
- Implemented a usable workflow that allowed users to more easily navigate and understand a tree of objects important to the end users knowledge of application configuration.
- Created an area of an application providing controls to an end user to specify how a piece of incoming data should be represented internally, fully-fledged with dynamic help text to guide the user in making their decision.
- Grouped together problems and enhancements deemed important for application release into projects, using written technical designs to communicate the existing problems and their solutions in detail at high and low levels.

Software Developer Intern, Quad Graphics, Sussex, WI   July 2020 - June 2022
Transportation and Logistics
- Designed and implemented an area of an enterprise application responsible for external carrier companies entering data corresponding to large trucks loads holding Quad supply, using React to achieve the frontend work and .NET backend.
- Created .NET APIs for background jobs and processes that handled bulk actions, such as ingesting groups of loads.
- Reported on Quad logistical data through SQL Queries that met the needs of analysts on our team.
- Constructed Oracle database procedures that audited certain data model activity within our production environment.

Frontend Software Developer, Birdwell Solutions, Madison, WI   Aug 2020 – Jan 2021
- Acquired skills necessary for a startup company's success, such as designing a(n) minimum viable product (MVP), implementing designs, communicating with investors and leading discussions on the future of a product.
- Delivered an MVP in 6 months by collaborating with other developers and project managers in an Agile environment.
- Translated digital designs into React/React Native code for a highly functional and usable application.
- Designed data models for GraphQL APIs on a Node backend to deliver quickly configurable endpoints the application can use.

LEADERSHIP

Director, Humorology, Madison, WI   June 2019 – May 2020
- Directed a group of over 100 people with the help of 5 other directors to organize an energetic, theatrical play.
- Rose over $400,000 for local charitable organizations; Beneficiary being Badger Childhood Cancer Network.
- Lead as a director of a cappella, organizing two groups to sing two songs with custom lyrics that contextualize our play.

President and Founder, Give UW Madison, Madison, WI   June 2019 – June 2020
- Learned the skills necessary to start a new student organization, such as advertising the student org, efficiently communicating our goals, organizing membership and designing structure to achieve our goals.
- Collaborated with other organizations to raise over $300 for international students in need.

Senior Recruitment Chair, Theta Delta Chi, Madison, WI   Jan 2029 – Dec 2021
- Planned events consisting of 100+ people while on a tight budget that spanned over a two week period.
- Worked with other members of the executive board to answer the needs of the fraternity.
- Recruited a 15+ class of members during a global pandemic by accurately advertising our fraternity to new students.

PROGRAMMING SKILLS

- **.NET Core** – Building application solutions in C#.
- **React/Redux** – Writing fast and stateful visual applications.
- **React Native** – Implementing cross platform mobile applications.
- **Java** – Constructing data structures.
- **C** – Writing programs for IA-32 ISA systems and ARMv7 microcontrollers.

- **JavaScript/Typescript** – Implementing frontend and backend for webpages/applications.
- **HTML/CSS** – Developing and styling webpages.
- **Node** – Writing the backend of large applications.

OTHER INTERESTS

Health, endurance sports, skateboarding, skiing, music