ZACHARY AAMOLD

Software Developer
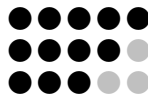
@ zma0198@gmail.com   ◉ Pottsboro, TX   in linkedin.com/in/zachary-aamold

SKILLS

JavaScript, React / React Native, Expo, Git
PHP, Terminal, HTML/CSS, TailwindCSS, Java
MySQL, C#, LÖVE2D, Photoshop

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EXPERIENCE

Web & Mobile Applications Developer
Car Keys Express

📅 Summer 2020 - present   ◉ Louisville, KY / Remote

- Developed marketplace apps for iOS & Android (and for proprietary kiosks) using React Native / JavaScript

- Transitioned into web development, maintaining several company websites (both consumer-facing and internal) using PHP, JavaScript, JQuery, & SQL

- Solely responsible for maintenance of mobile applications, & became front-end expert with CSS architectures such as Tailwind CSS

- Communicated with other departments (Marketing, Sales, Engineering, & Technicians) to fix bugs and add functionality to internal and customer-facing sites

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Java Developer Contractor *(Java 8)*
HYTE Technologies

📅 Summers of 2018 & 2019   ◉ Sherman, TX

- Assisted in development of new tools for the HYTE Console

- Performed several large-scale refactors of code to assist in updating the HYTE Console, using agile methodology

- Assisted in the evolution of software that is actively being used by Fortune 50 customers

ACHIEVEMENTS & AWARDS

- Promoted from *iOS/Android Developer* to *Web Application Developer* at Car Keys Express in 2022

- Received *The Wilbur Powell Computer Science Award for an Outstanding Student in Computer Science* at Austin College in 2019

- Inducted into Honor Society, *Alpha Chi*, Texas Kappa Chapter in 2018

- Inducted into Honor Society, *Phi Beta Kappa*, Iota of Texas Chapter in 2020

EDUCATION

Bachelor of Arts (Computer Science)
Austin College

📅 August 2016 – May 2020   ◉ Sherman, TX

- **Major**: Computer Science; **Minor**: Communication
- **Graduated,** *summa cum laude*
- **Dean's List**: Fall 2016 – Spring 2020 (All semesters)

LEADERSHIP & CLUBS

Computer Science & Robotics Club (Austin College)

- *President*, 2018-2019
- *Co-Vice President*, 2017-2018
- Planned and led workshops with the Public Library of Denison to teach children programming skills using Lego Mindstorms EV3 and Scratch
- Organized on-campus lecture led by software engineers working at BNSF Railway

Miscellaneous Roles

- Computer Science Tutor, Fall 2017 – Spring 2019
- Member of the Austin College A Capella Choir, Fall 2016 – Spring 2020
- Assisted in leading Dr. John McGinn's "Music and Words" class, Fall 2017

STRENGTHS

| UI Implementation | API Maintenance |

| Agile Development |

| Mac & Windows OS User |

| Effective Communicator | Fast Learner |

| Flexible | Highly Motivated |

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PROJECTS

Prototype Digital Car Key Mobile App

- Currently collaborating with Engineering department to create digital car key app for iOS & Android devices, leveraging BLE (Bluetooth Low-Energy) and NFC communication protocols

Car Keys Express Consumer App

- Implemented user interface for Car Keys Express app for iOS & Android devices, allowing users to purchase car keys from their phone

- Transitioned mobile apps from React Native / Expo environments to fully web-based content with React / NextJS, to mirror content found on CKE's retail website and make content updates simpler

Retail Optical Key Scanner (ROKS)

- Implemented user interface for ROKS kiosks used to purchase keys at AutoZones. Can be found nationwide at retail locations

- Collaborated with Engineering department to include hardware which reads a key's transponder and filter products based on vehicle compatibility