Erik (Chiahau Kee)

Stillwater, OK / 405-334-8992 / erik.chkee@gmail.com / Portfolio: https://chkee.github.io/

Skills
Languages: JavaScript, TypeScript, HTML5, PHP, Regex, MySQL, C#, Python, Swift, Java
Framework/Tools: Git, React Native, Angular, Azure, .Net Core, Docker, Drupal 8

Software Developer | Land Traffic Control. Stillwater, Oklahoma, May 2019 - Present
Mobile App Development:
- Lead developer for the mobile app "LTCApp" that allow drivers of trucking companies to report their delivery progress and submit documents. Distributed to App Store and Google Play, used by more than 300 drivers daily.
- Developed Optical Character Recognition (OCR) functionality, where the app extracts data from a document image using machine learning from Microsoft Azure Form Recognizer API. The data is then used to auto-fill dispatch information for the driver. Eliminates human error and speed up progress.
- Developed auto-cropping feature for document scanning, utilizing "react-native-rectangle-scanner" library. Helps driver to submit clearer images of their dispatch documents.
  (React Native, Azure, JavaScript, TypeScript)

Web Development:
- Developed a drag-and-drop trip planning feature for dispatchers to easily assign, reorder and modify dispatches, which significantly increases the efficiency of the dispatcher's workflow.
- Integrated Samsara's API to get driver's hours of service to help dispatchers in dispatch planning.
  (Angular, JavaScript, HTML5)

Backend:
- Developed REST APIs to be used by the company's web app and mobile app. (.Net Core 5.0, C#)

Web Developer | Beardon Services, Inc. Stillwater, Oklahoma, Nov 2017 - May 2019
Content Management System (CMS) Development:
- Develop new features to the company's own CMS called "Juvo", improved its image upload/editing functionality, widgets, UI/UX, google map component, etc. and learned PHP along the way.
- Provide technical support and solution for over 50 clients' websites including the City of Stillwater and many local businesses. (PHP, JavaScript, HTML5, MySQL)

International Fire Service Training Association (IFSTA):
- One of the primary Drupal developers to develop and maintain IFSTA's e-commerce website.
- Developed a new payment system called "Bluefin". Reduces the steps to complete an order from 15 to 5 clicks. I knew nothing about Drupal prior to this job but I managed to self-taught and deliver.
  (Drupal, PHP, JavaScript, HTML5)

Oklahoma State University Fire Service Training (OSU FST):
- Taught myself React Native and developed a new version of OSU FST mobile app for students to view their class schedules and listen to textbook audiobooks. Successfully published to App Store and Google Play, used by hundreds of students daily. (React Native, JavaScript, TypeScript)

iOS Developer Intern | Wenbit Pte Ltd. Sarawak, Malaysia, Jan 2016 - May 2016
Intern but also the main iOS developer for a housing property searching mobile app. Developed the app from scratch, implemented a search feature that pulls data from the database and designed the app's UI/UX. (Swift)

Education
Oklahoma State University, May 2017.
Bachelor of Science in Computer Science