

Kiefer Lam

Education

2016–2020 **University of East Anglia**, *BSc in Computer Science*, First Class

- Achieved a First Class Honours with 85.5% on dissertation
- Awarded for best individual performance (top mark in course)

Employment History

2020–Present **Software Developer**, *RT Software*, London

- Lead a team to create web apps that integrate with existing desktop software using React and Typescript.
- Developed a new product in a series of graphics analysis and broadcast software with C++.
- Maintained existing software through testing, bug fixes, and support cases.

2020 – 2020 **Software Engineering Associate Tutor**, *University of East Anglia*

Jan May

- Provided software engineering and Java assistance to students in computer labs for a 2nd year module.
- Successfully troubleshooting bugs with short familiarization with code.

2018 – 2018 **App Development Internship**, *University of East Anglia*

June Sept

- Developed a mobile app for a client in a team of interns using Scrum/Agile framework with Unity, C#, Firebase.

2017 – 2018 **Full Stack Web Developer Internship**, *Robot Mascot*

Oct Mar

- Built a custom e-commerce website for a client in a team of two using PHP, MongoDB, HTML/CSS, Javascript, VueJS.
- Maintained the website on a freelance basis afterwards.

Technical Skills

Languages C++, Java, Typescript

Frameworks React, Node.js

Tools Git, Linux, Docker

Other Team management

Notable Projects

Developed **Postfix** — A mathematical expression evaluator built with Kotlin. Provides an easy way to evaluate string representations of basic mathematical expressions. Used in internal software by J.P. Morgan.

JavaFX-Blur — Apply native Windows Acrylic aesthetic to JavaFX applications by calling native code via JNI. Used by many.

BoidsJS — Flocking behaviour simulation created for educational purposes. Runs in the browser.

Contributed to **facebook-chat-api** — Added new features and bugfixes to an unofficial Facebook Messenger API used by thousands.

Relevant Hobbies

- Self-hosting
- PC Building
- Side projects
- Home Automation