Luka Kerr

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Education

Macquarie University – Software Engineering (2017 - 2018) (transferred to UNSW)

University of New South Wales (UNSW) – Software Engineering (2018 - 2021)

GPA (current): 3.625 (overall) / 4.0 (major)

Experience

SOFTWARE ENGINEERING INTERN, CREATIVE LICENCE DIGITAL; SYDNEY – JUNE 2017 - PRESENT

NODE.JS, EXPRESS.JS, JAVASCRIPT (ES6/ES7), TYPESCRIPT, COFFEESCRIPT, MONGODB, GIT/GIT-FLOW, AWS

A software engineering internship with a focus on creating features, fixing bugs and learning about development and deployment processes, version control and modern web and mobile technologies. The internship involved working with clients and peers in the US and Australia and understanding how technology is developed using an agile approach.

WEB DEVELOPER, IRONSKINN; SYDNEY – OCTOBER 2017 - JANUARY 2018

RUBY ON RAILS, AWS, COFFEESCRIPT, HEROKU, POSTGRESQL, STRIPE, GIT

Over the course of 4 months I solely developed and deployed a custom ecommerce web application for Ironskinn - a wetsuit startup. I was additionally responsible for managing web hosting (AWS), domain names, email hosting and different application environments.

OPEN SOURCE – 2017 - PRESENT

RUBY ON RAILS, JAVASCRIPT, REACT NATIVE, SWIFT, CSS, PYTHON, R, RUBY, NODE.JS, C, TEX, TYPESCRIPT, COFFEESCRIPT, GO, SHELL, C, ELECTRON

I'm constantly creating, updating and contributing to open source projects. I enjoy sharing ideas, knowledge and code with others, while also learning and gaining inspiration from numerous open source projects.

TECHNICIAN ASSISTANT, BEPO MOTORS; SYDNEY – FEBRUARY 2013 - MARCH 2017

Working as an assistant to a technician in an automotive repair shop while at high school.

STAFF PHOTOGRAPHER, THE EVENTFUL GROUP; SYDNEY – DECEMBER 2016

Staff photographer for The Eventful Group.

Research

MACQUARIE UNIVERSITY, SUMMER RESEARCH; SYDNEY – DECEMBER 2017

PYTHON, WIRESHARK, SHELL, SELENIUM, GIT, UNIX

A selective program involving undertaking a research project and developing an open source solution to a set of problems. I researched network security and government website vulnerabilities and how they were susceptible to different networking attacks.

Projects

HACKD – FEBRUARY 2018 - PRESENT

JAVASCRIPT, REACT NATIVE, API, IOS

A modern Hacker News React Native powered iOS application. Built to learn React Native and the process of building and releasing an iOS application.

REGXR – OCTOBER 2017

SWIFT, REGEX

A minimal, lightweight MacOS desktop application to check for regular expression pattern matches.

LUKAKERRPHOTO.COM – DECEMBER 2016 - JANUARY 2017

RUBY ON RAILS, RUBY, AWS, AWS ELASTIC BEANSTALK, JAVASCRIPT, STRIPE, HEROKU, POSTGRESQL

I built and deployed a small ecommerce/portfolio site to showcase my photography, and allow users to make purchases via the Stripe API.

MARKR – NOVEMBER 2017

SWIFT, COCOA, MARKDOWN

A minimalistic markdown editor for MacOS with live preview.

PLYR – FEBRUARY 2018

SWIFT, COCOA

A hyperminimal, lightweight MacOS desktop music application.

Skills

Programming Languages: JavaScript, TypeScript, CoffeeScript, Ruby, Python, Shell, Swift, Arduino*, C*, Go*, Java*, R*

Frameworks/Libraries: Express.js, Node.js, Ruby on Rails, React Native, Electron, Sass, Pug

Technologies: Git, GitHub, GitFlow, MVC, NPM, MongoDB, PostgreSQL, MySQL, LaTeX, Unix, HTML/CSS

* Entry level