

# MICHAL SKORCZAK

## Software Engineer

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mskorcza

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## ABOUT ME

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Ambitious computer systems engineer graduate with a positive, proactive approach who excels at finding creative and efficient solutions. Driven to learn and possessing a strong work ethic, with a desire to go above and beyond expectations.

## EXPERIENCE

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### Software Developer

#### Alan Blunden

Jun 2022 - Present

Fully Remote - Southend-On-Sea, UK

- Developed and maintained existing, full-stack line of business applications for a variety of insurance brokers.
- Worked remotely as part of an agile team, collaborating and communicating with other teams in different disciplines.
- Used Azure Cloud technology to provide continuous integration and delivery.
- Personally created a number of developer focused applications to make updating of insurance rules and rates easier.
- Maintained test suites for both front-end web and API applications.

PHP

C#

Javascript

Vue

Python

SQL

Node.js

JavaScript

Git

Windows

Azure

### AV Technical Crew

#### Students Union Essex University

Sep 2021 - Jun 2022

Essex, UK

- Responsible for setting up various sound and lighting system for student events meeting optimal safety standards.
- Worked on live events in technical, logistical and interpersonal aspects.
- Personally helped run a number of events for a number of different university societies (E-Sport tournaments, live music events).

Problem solving

Teamwork

Time Management

Organisation

Management

Logistics

Health and Safety

Audio Visual Technology

### Database Administrator

#### TDP Marketing

Dec 2018 - Aug 2019

Trimley St Mary, UK

- Provided marketing and sales data to businesses and consumers through managing various different databases.
- Created a variety of internal tools in order to increase efficiency in retrieving and updating data and to comply with GDPR guidelines.

PHP

JavaScript

SQL

HTML+CSS

Windows

## PROJECTS

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### Panels

#### Terminal User Interface

April 2022 [mskorcza/panels](#)

- As part of my dissertation (RISCV debugger) I wrote a simple terminal user interface, which has since been extended to support a number of different types of panels for displaying and interacting with a program.

C

RISC-V Assembly

### Gibbon

#### Hand Sign Trainer (Sign language and Naruto hand signs)

April 2023 [mskorcza/gibbon](#)

- A hand sign trainer, built originally to train Naruto hand signs.

C++ OpenCV

Orn

### Sample transitioner for live music

📅 April 2023 🔄 mskorczak/orn

- A sample transitioner for live music, built for transitioning music for Dungeons and Dragons campaigns.

C++

Pesterchum

### Instant Messaging Client/Server

📅 April 2023 🔄 mskorczak/pesterchum

- A Homestuck inspired instant messaging client/server combination.

IRC

## EDUCATION

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University Of Essex

### B.Eng in Computer Systemts Engineering

📅 2019 - 2022

📍 Essex, UK

- Graduated with a 2.1, mentioned on the Deans list for excellence in all 3 years.
- Part of the Video Game, Game Development and Music Societies.
- Using my position as part of the AV Technical Crew, I helped run a number of events including a music festival 'Colch-ella' and the Derby Day 2022 E-Sports event.

Java C C++ Python

Suffolk One

### A Levels

📅 2017 - 2019

📍 Ipswich, UK

- Completed my A Levels in Computer Science, Psychology and Mathematics

## SKILLS

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### Programing & Other Languages

C++ C Python C# Java JavaScript Bash GLSL Lua SQL HTML+CSS RISC-V Assembly

### Frameworks, Libs, & Databases

OpenGL SDL .NET Node.js NumPy OpenCV

### Development Tools & Environment

Git Linux GNU Visual Studio Neovim Suckless

## OTHERS

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- 📍 **National Citizenship Service**  
Helped build a sensory garden for the Ipswich Hospital as part of a social action project, involving the design, fundraising, logistics and manufacturing.

- 📖 **cookbook.gg**  
Did transcripion work for Super Smash Bros. Melee 'tech'.



## Languages

Fluent in both Polish and English.

# REFERENCES

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### Mathew Staples

@ Line Manager - Alan Blunden

✉ mathew.staples-alanblunden.co.uk

### Ben Wilson

@ Head of Production - TDP Marketing

✉ benwilson@tdpmarketing.com

### Callum Bartlett

@ AV Technical Coordinator - Essex Students Union

✉ callum.bartlett@essex.ac.uk

More available upon request.