

# Tomasz Zielinski

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## Professional Experience

### Freelance Web Development · Poznan, Poland

May - August 2018

- Created responsive single page app components for clients
- Improved speed and scalability, optimized websites for search engines
- Developed using primarily MERN stack

## Education

### University of Southampton · Southampton, United Kingdom

August 2017 - Present

Bachelor of Science in Computer Science, expected in July 2020

**Relevant Coursework:** Algorithmics, Cloud Application Development, Computer Systems, Data Management, Distributed Systems and Networks, Theory of Computing, Intelligent Systems, Web Infrastructure

### Poznan University of Technology · Poznan, Poland

August 2016 - May 2017

First-year Bachelor of Science in Information Engineering, Faculty of Electrical Engineering

## Projects

### Haskell Interpreter · Haskell, Yacc

March 2019

Language and interpreter written in Haskell for processing custom stream data files

### GPU Particles · Typescript, GLSL

February 2019

WebGL particle simulation driven by GLSL shaders

### Flappy-Pixie · Javascript, WebGL

October 2018

Flappy Bird clone with a 3D parallax background. Completed for an interview challenge in one week

### Endless-City · Javascript, Three.js

September 2018

Interactive infinite city scene inspired by Little Workshop with custom glTF 2.0 loader

### Sushi-Go · Java, Swing

April 2018

Multithreaded business software prototype with socket communication and able to save/load configuration files

### Fitmed · React, Redux, Node.js, MongoDB

July 2018

Prototype platform for dieticians with API, authentication and input validation

## Technical Skills

**Programming:** Javascript, React, Node.js, SCSS, Java, SQL, Bash, TypeScript, WebGL, C++

**Software:** Visual Studio Code, Git, MongoDB, Photoshop

**Languages:** English, Polish

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