

# ADAM HOUSTON

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## EDUCATION

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### Queens University, Belfast

*Sept 2015 - Present*

B.Eng in Software Development (Year 2 - Direct Entry)

Android and C+++ Programming    May 2016    TBD

Networks and Communications       Jan 2015    TBD

Database Systems                    Jan 2015    TBD

Professional Computing Practice    Jan 2015    TBD

Data Algorithms and Structures      May 2016    TBD

### North West Regional College, Derry/Londonderry

*Sept 2013 - May 2015*

Foundation Degree in Computing and Software Development

Distinction grade awarded by University of Ulster

### Limavady Grammar School, Limavady

*Sept 2011 - June 2013*

A-Levels in Computing (C), Engineering (C) and Mathematics (E)

GCSEs including Mathematics (A), ICT (A), Technology and Design (B), English (C)

## EXPERIENCE

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### North West Regional College

March 2015 - July 2015

*Full Stack Developer*

*L'Derry*

- Microsoft Full Stack development using ASP.NET C#, MS SQL, JavaScript, HTML and LESS.
- Successfully implemented various projects including a project management dashboard for admins and general staff, as well as a KPI reporting application for executives and management staff.
- Frequently worked with other team members, giving and receiving help with various issues.
- Assisted and managed a small meeting on web technologies and gave a demo presentation to an executive on my KPI application.
- Advised the team on future web technologies and helped clarify any questions they had.

### geopii.

August 2012 - August 2012

*Programming Work Experience*

*Coleraine*

- Experienced my first interaction with JavaScript and performance testing.
- Developed a simple web version of tic-tac-toe.

### DriveSafe Charity

July 2014 - October 2014

*Filming and Editing*

*Dungiven*

### Limavady Printing Company

January 2012 - January 2012

*Design Work Experience*

*Limavady*

## TECHNICAL SKILLS

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### Programming

C#, C++, Java, JavaScript and SQL.

### Other

XML, HTML, CSS and LESS.

### Operating Systems

GNU/Linux (Primarily), Windows and minor experience in OS X

### Tools

Atom, IntelliJ, Grunt, Git, npm, SQL Server, Vim and Visual Studio.

### Hardware

As a hobby, I have built computers for friends, family and myself.

## PROJECTS

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### Genesis Distributions

C# WPF

- Arranged and coordinated a weekly development plan for our team.
- Planned and implemented the application UX and design framework.
- Developed various searching and filtering functions for customers and orders, as well as complex systems for placing orders.
- Used my knowledge and previous C# experiences to lead the development and assist the team with any issues.
- Personally setup a private git repository for the team to use as a version control system.

### NWRC KPI Reporting Application

ASP.NET C# & Web

- Organised various talks to decide on the application design.
- Successfully implemented a design after various discussions with the product owner.
- Developed a small script that imitated "Metro live tiles", displaying twitter feeds and the company blog.
- Worked together with my manager to build a front-end for their complex SQL queries.
- Successfully implemented the finished solution that was deployed onto their intranet.

### Zombie Defence

Android Game (Java)

- Organised first group meeting in order to initiate the project.
- Assisted brainstorming for the game idea and proposed different ideas.
- Used my initiative to refresh my Android and Java knowledge by creating a simple game with multi-touch.

## INTERESTS & HOBBIES

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### Technology

I always try to keep up to date with the latest news regarding anything technology based and how companies are advancing the technology they use in the modern world. I also enjoy reading up on security risks to analyse them and follow how they are being combated.

A few years ago GNU/Linux started to interest me, but it's only in the last few months that I have dove in and made the switch. As well as being a much more pleasant development environment in my opinion, the move has also made me more interested in open source software.

### Programming

Ever since I started learning Pascal in the first year of my A2 Computing course, my interests in programming and development have flourished and expanded into various different areas. Moving forward, I encouraged myself to learn C# both ASP and WPF, and JavaScript including AngularJS and NodeJS. Using the knowledge I had gained, I went on to successfully create some applications in my spare time. (Which can be seen on my website)

At the present time, I've got a passion for web applications and a variety of security solutions, which I hope to delve deeper into in the future.

### Sport

As a football fan, throughout my life I have always followed a team, watching them any week I could. When the opportunity presented itself to go overseas and see the action in real life I couldn't resist, since then I've been over to Liverpool twice.

## REFERENCES

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Details and letters are available on request.