

# Kyle Bremner

---

## CONTACT

contact@kbremner.com  
kbremner.com

## PERSONAL STATEMENT

I am an enthusiastic, adaptable Software Engineer, constantly looking to learn and improve. I am currently employed as part of a team that develop a cross platform application for controlling high end HiFi systems, using C# and web technologies. Previously, I have written Android applications that utilise NFC technology to form part of innovative smart ticketing solutions, for a company with no prior mobile experience. I am currently looking for a new opportunity to challenge myself and further develop my skill set, with a company that prides itself on the high quality of the solutions that they produce.

## WORK EXPERIENCE

### Linn Products Ltd

July 2014 — Present

#### Software Engineer

- Part of a team that develops a cross-platform application for controlling Linn DS and DSM products.
- Integrated artist information from Last.fm to provide interesting context to the browse experience.
- Identified the need to improve testing within the team, introducing the collection of code coverage metrics that provides an overall picture to be used for targeting future work.
- Investigated and identified key performance issues, resulting in an improved user experience.

### Ecebs Ltd

May 2013 — July 2014

#### Graduate Software Developer

- Created Android applications, from design to delivery, based on customer requirements.
- Researched and developed a testing procedure for Android applications, leading to a reduction in the number of issues found during customer acceptance testing.
- Part of a team that designed a language-agnostic API to simplify the process of reading and modifying presented smart cards.
- Created the Java implementation, delegating the low-level smart card communication to a platform abstraction layer, allowing the same core to be used by Desktop and Android applications.
- Helped develop a data-driven testing mechanism, allowing the same data to be used for testing Java and C# implementations.
- Worked as part of a team developing J2EE applications, requiring knowledge of Struts, Hibernate, SQL, Javascript, CSS and HTML.

### University of Glasgow

September 2011 — December 2011

#### Lab Demonstrator (Python & Java)

- Aided first and second year students in learning Python and Java, respectively. Also helped with tutoring of basic programming concepts and problem solving techniques.
- Furthered my own studies by expanding my understanding of the languages and concepts that were being taught.

# EDUCATION

MEng Electronics & Software Engineering  
University of Glasgow  
1st Class Honours

September 2008 — May 2013

## Final Year Industrial Project - Investigating Interactions Between Smart cards & NFC-Enabled Devices

- Undertook a 6 month industrial project at Ecebs Ltd, investigating how NFC technology could be used in Android applications as part of innovative smart ticketing solutions.
- Created a framework for reading and modifying ITSO-compatible smart cards.
- Developed the Smart Ticket Checker application to allow a user to check the contents of their smart card, which now has over 1000 downloads and a rating of 4 stars on Google Play.
- Success of the project led to an offer of employment and it receiving an A grade.

## Final Year Group Project - Power Harvesting Wireless Sensor Network

- Project aimed to develop a proof of concept for a network of power harvesting sensor nodes for collecting sensor data.
- Created a Grails-powered API backend for collecting data from the sensor network and an Android application for viewing the data.
- Used Google Cloud Messaging to push alerts to registered devices, allowing for real time updates.
- The group successfully proved the concept and the project obtained an A grade.

## Engineering Excellence List

- Added to the University of Glasgow Engineering department's Engineering Excellence List in recognition of high attainment in my final year.

## Glasgow & Strathclyde Universities Officer Training Corps Pipes & Drums

- Was a member of the band in my spare time while at university.
- Reached the rank of Junior Under Office (JUO) and became acting Pipe Major in my final year.
- Was responsible for putting together the repertoire with the leading drummer and lead the band when performing for parades, dinners, competitions and other events.

# INTERESTS

- Play pipes in Milngavie Pipe Band. The band spends the winter months preparing for the summer competition season where we regularly compete in grade 3A.
- I regularly attend Tech Meetup, GlasgowJS and other similar events in Glasgow and Edinburgh. I also attend conferences such as DunDDD, hackathons and other events like Global Day of Coderetreat.

# ADDITIONAL INFORMATION

- Held a clean drivers licence since 2008.
- Dyslexic.

# REFERENCES

Available upon request.