Kevin Edey
Amsterdam
genericjam@gmail.com

I want to know the secrets of the universe. I am pursuing truth wherever it leads.

Career

Software Engineer
Gamgee BV
April 2019 - Present
Amsterdam, Netherlands
- Replaced existing backend based on Ruby/RabbitMQ/EventMachine with one written in Elixir
- Worked on 'Gamgee' app using React Native
- Extensive testing of routers/backend/app

Web / Mobile Developer
Appsquire Consulting
November 2017 - June 2018
Edmonton, Alberta
- Built 'The Starlite Room' app using React Native
- Built Ross' Gold point of sale iPad app using iOS/Swift with LAMP backend

Web / Mobile Developer (Contractor)
Kwiksol Corporation
August - October 2015, April 2017 - December 2018
Edmonton, Alberta
- Ported existing SaaS website to mobile site using PHP, jQuery, AJAX and Bootstrap
- Built cross platform app (Android, iOS) using React Native and Nodejs that utilizes existing database and syncs with existing live site

Web Developer (Volunteer)
New Tribes Missions (now Ethnos)
October 2016 - March 2017
Remote Work
- Assisted in building document management system using Aurelia and JavaScript

C# Web Developer (Contractor)
Real Foods Ltd.
December 2013-July 2014
Edinburgh, Scotland
- Developed email content management system using ASP.NET for automated customer service and online orders through the company's e-commerce website
- Developed image optimization task in C# and GraphicsMagick to scale and crop images for company website content to reduce server load
- Developed web scraping scripts in Python with Beautiful Soup to scrape competitors' websites for price and product data

Web Programmer
Dundalk Institute of Technology
May 2012 – August 2012, Dundalk, Ireland
- Designed and developed database backed website for the purpose of recording and reporting on class attendance written in Java using MySql database

Tested with Junit, automated with Ant

Website and Graphic Designer
Cara Web Design
January 2010 – December 2013
Athboy, Ireland
>   Developed websites using Drupal, Wordpress and/or HTML/CSS/JavaScript for small businesses and organisations
>   Designed graphics for the websites, brochures, business cards and signage

Software Researcher and Designer
Interact Forms Ltd.
July 2008 - January 2011
Athboy, Ireland
>   Designed software specification and cost benefit analysis for a new business web application with an Enterprise Ireland Innovation Voucher in partnership with Dundalk Institute of Technology

Early Career
Technical Site Supervisor - A-Frame Energy Efficient Homes, Ireland, 2006 - 2007
Company Owner and Builder - Custom Home Builder, Canada, 2002 - 2006
Oil Rig Crew - Precision Drilling, Canada, 1999 - 2001

Education

Post Grad Certificate in Evolution of Language and Cognition
University of Edinburgh
September 2018-December 2018
Edinburgh, Scotland, UK

MSc in Artificial Intelligence (Incomplete)
University of Edinburgh
September 2013-August 2014
Edinburgh, Scotland, UK

BSc in Computing (2.1)
Dundalk Institute of Technology
September 2009-April 2013
Dundalk, Ireland
Thesis: Benchmarking Servers: Java, Erlang, Tomcat and Yaws

Object Oriented System Analysis and Design Certificate
Southern Alberta Institute of Technology
September 1998-April 1999
Calgary, Canada

2D and 3D CAD Certificates
City and Guilds
November 2007-June 2008
Dundalk, Ireland

References

Dr. Christian Horn
Head of Computing Department, Dundalk Institute of Technology, Ireland
Email: christian.horn@dkit.ie

Dr. Matt Spike
Lecturer, Centre for Language Evolution, University of Edinburgh
Email: mspike@exseed.ed.ac.uk

Vincent Wansink
President, Kwiksol Corporation
Email: vincentwansink@outlook.com

Computer Languages and Skills

Programming Languages: Elixir, Erlang, JavaScript, PHP, Java, C#, Python

Web Languages: HTML, CSS, XML, JSON, JavaScript, jQuery, JSX (React)

Databases: Oracle SQL, MySQL, JDBC, MS SQL, Postgres

Operating Systems: Windows (10, 7, XP), Linux (Mint, Ubuntu, Scientific), OSX

Artificial Intelligence: Advanced Natural Language Processing, Advanced Vision, Reinforcement Learning

Design Tools: Photoshop, Balsamiq, Google Drive (Drawing), 3DS Max, GIMP, Blender

Office Tools: Word, Excel, PowerPoint, LaTex, Libre Office, Google Docs

Project Management: Google Drive, Google Calendar, Trello, Jira

Systems Design: System Specifications and Design, Distributed Systems, Test Driven Development, White Box Testing, Black Box Testing

Testing, Automation and Debugging: ExUnit, Mocha, JUnit, Spring, Ant, Gulp, Benchmarking

Mobile: Android, iOS, React Native

Etc: Web crawlers, Web scrapers, Load testing, Git

Work Samples

Github: /GenericJam
Elixir code example: https://github.com/GenericJam/websocket-client

What Else?

I am a Canadian and Irish citizen living in the Netherlands for the past year.

My favourite colour alternates between purple and red but I wear mostly black.

I despise golf shirts and blue pens. Pens should be black.

My favourite thing about Elixir is that it allows me to think 'higher thoughts' as coined by Bret Victor.