Bart Biernat

Junior developer

Contact Details

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Personal Summary

I am a solution-oriented and proactive person who is looking to harness my passion for programming in a change of career.

I believe development is fundamentally a technical manifestation of very specific skill sets that requires you to constantly question the world around you. I have a natural curiosity for how things work; from taking apart mobile handsets to penetration testing and bug bounties which I hope will serve me well in an industry where, to succeed, it is necessary to have an urge to understand things completely.

Skills

CODING PROJECTS

10monkeys: My interpretation of the Infinite monkey theorem.
A user loads in a set of words (poem, book, novel, series of books). The app then tries to recreate the input by scrapping the words found off randomly generated websites.
Tech: Raspberry pi, Ruby, Google API (database), Sinatra

ReciPeeps: Makers final project. A feature packed social cookbook.
Registered users can create and post recipes. Users of the site can then upvote the recipes which can be saved to their profiles creating a printable cookbook.
Tech: Ruby, Rails, CSS, Heroku, Javascript, Travis

Acebook :: Roku: A team project aimed to make a Facebook clone.
A project built on Agile and Scrum practices. We used TDD in every phase implementing every feature from scratch to, as a group, understand exactly what was happening under the hood.
Tech: Ruby, Rails, CSS, AWS Elastic Beanstalk

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tomatoPi: Personal cloud system aimed at monitoring and maintaining my tomato crop's growth cycle.
Using various sensors connected to an Arduino and a camera connected to a Raspberry Pi Zero, results are sent remotely to a central Raspberry Pi server hosting a dashboard. This in turn controls the pH and water levels needed to sustain healthy growth.
Tech: Raspberry Pi, Arduino, Python, OpenCV

Education

Code Bootcamp
Makers Academy - 12 week intensive bootcamp
Learning to learn fast: Be it with programming languages, methodologies or effective collaborations (TDD/BDD, OOP). Problem solving: Individually, as a pair or as a group. Encouraging feedback and sharing learnings. Agile and XP values, scrum methodology, pair programming. Respecting my pair partners/team mates, having the courage to give feedback.

edX - Online University level courses
MIT - Introduction to Computer Science and Programming Using Python: Simple algorithms, Testing and debugging, Introduction to algorithmic complexity, Data structures

RIT - Cyber Security Risk Management: Information security risk management framework and methodologies, Identifying and modeling information security risks, Qualitative and quantitative risk assessment methods, Articulating information security risks as business consequences

RIT - Cyber Security Fundamentals: Network and system administration fundamentals. Information assurance fundamentals such as confidentiality, integrity and availability, etc. Basic cryptography concepts

RIT - Network Security: Examined the various areas of network security including intrusion detection, evidence collection and defence against cyber attacks. Examined the resources available to both intruders and data network administrators to see their effects.

RIT - Cyber Security Capstone: A platform designed to practice and implement lessons learnt in the previous Cyber Security courses.

Work Experience

Crypto-currency Trader / Freelance
May 2017 - Present, London
Trading between Bitcoin and alternative currencies; built and troubleshoot own mining rig (hardware). Exploring potential of Blockchain technology.

La Bonne Bouffe / Head Chef - Consultant Role
November 2016 - April 2017, East Dulwich

Brought in to assist with new restaurant launch; created and costed menus, established relationships with suppliers, hired & trained staff, responsible for implementing all health and safety standards, set up the POS system, costing and inventory systems.

Claire's Chefs / Freelance Chef
April 2014 - October 2016, London

Specialised in catering for ViP private events and for premium fashion clients.

The Savoy Hotel / Jnr. Sous Chef
October 2011 - November 2013, Charing Cross

Worked in private events, ranging from intimate dining to 600+ banquets. Managed a team of 12 chefs, responsible for creating daily prep schedules, coordinating events with pastry, front of house, HR and hotel management.

When I'm not programming

I frequently attend lectures and conferences to keep up to date with the fast paced changes in technology.

I also have a fascination with all things fermentation. A plethora of bubbling jars in my kitchen eventually turn into breads, pickles or wines. When I'm not playing food scientist or in front of the computer, I'm out running, skateboarding, climbing or taking something apart to see how it works.