Jennifer Parak

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Work Experience

January 2017 - Today, Software Developer at Accenture, Vienna / Austria

I liaise directly with the client, an Austrian Health Care Insurance company, in a Scrum Team as a Java Developer. Through developing back-end batch processes for end-of-day processing and creating front-end application services used internally, I contribute to transforming, digitalising and modernising the company. Teaming up with the architects, I enable the design of concepts and as a Scrum developer I have been developing through every stage of the development cycle during our three releases of the software so far.

June 2017 - Today, Port To Success

Starting off as a project on the side, I designed, created and developed a web application and database solution, which is now used by upper management of an enterprise group in ancillary construction trades and environment engineering. The modules currently released into production consist of reporting & controlling, personnel database and generation of weekly and monthly reports.

2015 - 2017 Mentor at Google Summer of Code for Anita Borg Institute (Remote)

For three summers in a row I mentored during GSOC where I was responsible for guiding students through the coding process, reviewing and merging code on Github and helped students when they got stuck. The projects included web application for Peace Corps Volunteers in Guyana and an educational iOS game to empower pre-adolescents. I still frequently contribute to Open Source projects.

2014 Student at Google Summer of Code Anita Borg Institute (Remote)

During GSOC 2014, I worked on an online crowdmap called "Ushahidi" , which I customized for Peace Corps Volunteers in Azerbaijan, to help them share resources online and improve coordination. Independently, I managed to teach myself PHP as well as submitting my code for review every week.

2013 – 2018: Managing Director at Prospect GmbH

For 5 years, I was running the small business situated outside Vienna on the side. Being responsible for such a business, I learnt vital managing and leadership skills.

2013 Software Engineering & Testing Intern at Raiffeisen Bausparkasse

One of the many tasks during my Placement was to develop testing scripts in Python and Bash to verify ETL processes were carried out correctly. I was able to familiarize myself working in a UNIX environment and quickly learnt how to programme in a Linux Shell. I further helped developing a new printing API using Java, as well as fixed bugs on the go. Finally, I developed a new way to create the monthly bank reports using Penthao BI products.

2011 Project Leader at Production Media Network S.L., Barcelona/ Spain

Starting off as a research assistant, I was promoted to be Project Leader responsible for authoring web content, liaising with clients and finally, launching the new online event directory, Event Paradise.

2008 - 2017: Assistant at Academy4SocialSkills

At the Consulting Company I was able to take up tasks such as managing the companies' Accounting every quarter, maintain the website and assist at seminars.

Education & Qualifications 🎓

2014 – 2015 MSc Advanced Computer Science, The University of Sheffield (UK): 1st Class Honours

<u>MSc Dissertation:</u> Cracking CAPTCHAs - Developed and Pre-trained a Convolutional Neural Network to pass image-based CAPTCHA challenges automatically. <u>Modules:</u> Object Oriented Programming in Java, Machine Learning & Adaptive Intelligence, iOS Development, Theory of Distributed Systems, Network Performance Analysis, Computer Security, Speech Processing

2011 – 2014 BSc Information Management and Technology, The University of Sheffield (UK) : 1st Class Honours

<u>BSc Dissertation:</u> Translating C++ into Natural Language for Non-Developers – Conduct research on whether translating C++ into plain English may help novice programmers to understand a piece of code. <u>Modules:</u> Information Retrieval, Information Systems Modelling, Mathematics and Data Modelling, Database and CMS Design, Web Development

2013 Ecole de Management, Bordeaux/France

ERASMUS Semester

2005 – 2010 Vienna Business School Hamerlingplatz

A-Levels: Accounting & Business(1), English(1), German(3), Spanish(1), Marketing(1), Civil Education(1)

Technical Skills </>

Programming & Web Skills

Java (JEE, Java 7/8) ★★★★★
Python ★★★★★
PHP ★★★
Objective C / Swift ★★★
MATLAB ★★

Javascript, X(HTML), HTML5, CSS, Responsive Web Design

Databases, Server & OS

MySQL, PostgreSQL, Oracle

Microsoft, MAC OS, Linux, Bash Shell

Frameworks & Tools

Spring (Batch, MVC) , Maven, Hibernate / JDBC

SOAP UI, Jenkins, Git, SVN, Eclipse, Tosca

Soft Skills ☀

Professional Skills

Certified Scrum Master I Certified Product Owner I Seminars (Academy4SocialSkills): Leading virtual teams, Presenting in front of a crowd

Language skills

German, Englisch, Spanish (fluent), French (Intermediate), Russian (Basics)

Volunteering, Sport & Engagement

Teaching surfing to underprivileged kids in Peru (2016), Social Worker at Ute Bock Refugee Camp, Snowboard-Teaching License, Facutly & Course Rep, Development Officer & Social Secretary Ultimate Frisbee Club