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ALBERT BOEHM

EDUCATION	**BSc Computing Science**	**Expected 06/21**

University of Aberdeen, UK
GPA: 4.11 (In-Major)

Relevant Coursework: Web Application Development, Data Management, Algorithmic Problem Solving, Modern Programming Languages, Software Engineering, Operating Systems

Achievements: BCS Prize for Best Level 2 Computing Science Student

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WORK EXPERIENCE	**Full-Stack Engineer**	**09/19 – Present**

storytile (Startup), Media
- Development and maintenance of features for Liveblogging Web-App
- Enabled WordPress integration of Liveblogging product by developing a plugin

Software Engineer Intern　　　　　　　　　　　　　　**05/19 – 08/19**
storytile (Startup), Media
- Enabled scalability of core product feature by reducing memory complexity from linear to constant
- Optimized processing and aggregation of statistical data by designing a new software architecture
- Leveraged knowledge in PHP, Laravel, JavaScript, Vagrant, PostgreSQL, git and Algorithm Design

Research Intern　　　　　　　　　　　　　　　　　　**04/18 – 10/18**
BMW Group, Automotive
- Reduced cross-component communication in Electric Motor Software Architecture Model by 47% using Graphs and Genetic Algorithm
- Identified and documented critical system failure patterns
- Leveraged knowledge in Cypher, Python, NumPy and Machine Learning Algorithms

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SKILLS

Proficient: Python, PHP, git
Familiar: Java, JavaScript, SQL, AWS/Azure, HTML/CSS, bash

Spoken languages: English (Full Professional Proficiency), German (Native Proficiency)

PROJECTS

President of Aberdeen University Computing Society
- Chief Organizer of Computing events and workshops for beginners and experienced programmers (e.g. Codegolf, Interview Prep Sessions, Game AI Competition)
- Collaborated with other societies for joint projects (e.g. Python for Business and Finance, Digital Currencies Debate)
- Supervision and management of society board

Portfolio Backtesting Tool
- Created a Web App to visualize the historic performance of a portfolio against a benchmark index
- Calculated annual (inflation adjusted) returns and included option for rebalancing
- Utilized: Web APIs, MySQL, JavaScript, plotly

Online Courses
Machine Learning, Neural Networks and Deep Learning, Convolutional Neural Networks, Sequence Models