Sebastian Bird

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PROFILE

Third year Computer Science/Neuroscience student at the University of Sydney with keen interest in Research and Development and in improving business performance. Has a concrete foundation in object-oriented programming.

o   Strong independence and work ethic

o   Great organizational and management skills

o   Excellent teamwork and leadership abilities, and great motivation for business success.

EXPERIENCE

Software Developer, LockItUp   **January 2018**

I worked for a startup software company in access control and built a first prototype application to demonstrate their idea to the market. Being a developer for this startup has engraved into me best practices for software development, which include proper documentation, managing a product roadmap, strong communication, software design and teamwork.

o   Experience in coding according to proper software architecture design (data access layer, business logic layer, design layer).

o   Project management skills. In addition to being a developer, I was responsible for handling the entire technical side of the company. This included building product roadmaps, managing deadlines, setting milestones and communicating progress to the other members of the team.

o   Improved my communication skills in articulating software requirements and deadlines, as well as expected issues.

o   Built on stronger collaborative skills. Despite being the developer, I was working as part of team, and so it was required that we keep each other informed about what was going on.

o   Dispute handling. Being in a team you will experience arguments every now and then, it is important that you can handle them with a clear mind and diffuse the situation.

Casual Barman, Handyman, Mosman Rowers Club   **November 2017**

Employed to help the Club whilst it was dealing with issues financially and physically. I helped fix appliances and clean out utilities to ensure that the club was running up to code. I helped with the storage out back and served customers at the bar.

o   Learnt to handle customers in a busy environment

o   Furthered my skills to develop a relationship with the customer

o   Improved collaborative skills with coworkers behind the bar

Casual Handyman, SailCorp Yacht Charters   **December 2015**

Sailcorp Yacht Charters is a boutique sailing tour operator providing skippered and bareboat charter sailing experiences on Sydney Harbour. My main focus was acting as a tender to and from clients' boats, as well as catering boat events and maintaining the boats in the harbour.

- o Learnt how to handle clients and build conversation with them to improve their experience

- o Have instilled a rigorous work ethic to ensure the job is done correctly and efficiently

- o Have developed the ability to work independently, but have also increased my cooperative skills.

Infor Global   **2013**

I came to Infor as part of my work experience and was engaged in the IT department, working alongside them on company projects.

- o Learnt how to approach and generalize a complex business problem

- o Learnt how to solve software issues as part of a team

EDUCATION

Bachelor Science and Information Technology, University of Sydney
2016 - Present

- o 3nd year, majoring in Computer Science and Neuroscience (full time).

- o Knowledge in:

    - o Object Oriented Programming using Java, C++ and Python.

    - o Hardware and Memory management in C.

    - o Learnt to use data analytics tools with python such as numpy and matplotlib

    - o Database design, and implementation in SQL.

    - o Data Structures and Algorithm design

    - o HTML & CSS

    - o Front end development in ReactJS, AngularJS

    - o Back end development using Flask, Node, .Net ASP core

    - o Windows, Linux and OSX operating systems

    - o Unit Testing and System Analysis

    - o TCP server management in Python

    - o Implementation of AI algorithms

- o Engaged in the Computing industry by becoming a member of the Association of Computing Machinery, as well as a Special Interest Group on Artificial Intelligence trying to stay informed about latest trends in the Technology industry

- o Was a part of a mentoring program to help students in lower years to grasp the content of their courses better (attached at the end).

EXTRA-CURRICULAR

Karate   **July 2017 - Present**

- o 8th Kyu

- o Develop relationships with other members of the dojo

- o Have developed confidence and leadership

RESOURCES

Github

Available upon request (private repositories)

LinkedIn

www.linkedin.com/in/sebbird/

References

Available upon request

OTHER WORK

Casual Boat Handyman, Yacht Works   **November 2017**

Casual fill in for Lane Cove Boatshed   **April 2016**

THE UNIVERSITY OF
SYDNEY

A/P Bing Bing Zhou
Undergraduate Director, School of Information Technologies

18 December 2017

To Whom It May Concern:

Sebastian Bird was a mentor of INFO1105 -- Data Structure -- unit in the School of Information Technologies Mentor Program, Semester 2, 2017.

The program was designed to assist first year students enrolled in the School with the transition from high school to university. Mentors complemented existing tutors and lecturers in first year units by assisting students in technical, personal and administrative areas. Mentors volunteered at least one hour per week to participate in the program, in addition to managing their own university studies.

During the program, Sebastian Bird demonstrated and developed skills in communication, presentation and interpersonal relations. Successful participation in the program also required organisational skills and commitment. Furthermore, Sebastian Bird has now developed some basic skills for teaching others to understand new concepts.

We consider Sebastian Bird to be a good mentor, who demonstrated very high standards of knowledgeability, approachability and overall proficiency and usually devoted extra time and energy into providing excellent standards of support for students.

The School congratulates Sebastian Bird for demonstrating such excellent standards and would like to offer best wishes for any future endeavours.

Yours sincerely

A/P Bing Bing Zhou
Undergraduate Director
School of Information Technologies