

Michael Clark

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EDUCATION

Master of Information Technology, Monash University
Bachelor of Business, Victoria University

July '16 - Feb '19
Feb '11 - Nov '13

SKILLS

Technologies: Java, Python, Swift, Shell/Bash Scripting
Front End: HTML, Javascript, jQuery, CSS/CSS3
Back End: NodeJS, PHP, MySQL
Tools/Hosting: Wordpress, AWS, DigitalOcean, Git/Github
Other: cPanel, Web Accessibility

PROFESSIONAL EXPERIENCE

NodeJS Backend Development Project, Alerton Building Automation Resources

Dec '18

- Week long project assisting Alerton and Oberix Group
- Bash Scripting and NodeJS backend work connecting API's with IoT devices for an analytics system that generates records and connects to a frontend dashboard for the end user

Technical Production Assistant, Smartshow Limited

Oct '14 - March '17

- Worked in a remote team in the position of hands-on tech support during large corporate events for Smartshow's Showgizmo application, an iOS and Android events app
- Acted as the first contact for any user at the event experiencing technical issues, explaining features directly with clients and consumers, involved on the spot troubleshooting
- Offsite work involved working with databases, cleaning and uploading datasets

PROJECTS

EZ Way Accessible Journey Planner

July '18 - October '18

<https://github.com/mik3ds/EZ-Way-Accessible-Journey-Planner>

- Agile Development Process, lead developer in a team of two developers over the span of a twelve week period
- Winner of the Monash University Industry Experience Expo, 2018
- Android Java front-end application connected to AWS EC2 instance back-end, hosting PHP scripts with Apache2 which then connects to an AWS Remote Database System

Gardening Assistant

August '17 - September '17

- Raspberry Pi server, running Node.js, returns the current detected temperature and pressure, along with the current temperature from a third party weather API
- iOS application, written in Swift, displays current sunlight, temperature, moisture levels, and can display this information in graphs that include the plant's historical data for comparison and monitoring over time

EXTRACURRICULAR ACTIVITIES

Victoria Collegiate Programming Contest, Monash University

Sept '17 and Sept '18

REFERENCES

Trevor Owen: Chief Executive Officer, Oberix Group | (03) 9918 7788 | t.owen@alerton.com.au

Sneha Bajaj: Teacher, Monash University | 0452 298 801 | sneha.bajaj@monash.edu