

KIT COCHRANE

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SUMMARY

Looking for a 2nd Year Summer Internship and eager to gain a footing in a professional computing environment. Experience in multiple languages including Python, Java, JavaScript, C and Visual Basic along with a strong background in software engineering. I also have a good understanding of Version Control Systems such as Git and related development environments for windows. I produce quality code from its readability to its functionality, with strict debugging processes and am keen to work with different system types and improve efficiency to optimize for these systems.

EDUCATION

Dundee University

2024 - Present

BSC Computer Science - 2nd Year

1st Year Grades:

- Front End Website Development - B1
- Introduction to Software Development - A2
- Mathematics for Computer Science - C3
- Professional Skills in Computer Science - B3
- Unix Systems - A4
- Embedded Systems Development and Networking - A4
- Introduction to Data Structures and Algorithms - A1
- Computing and Society - B3

2nd Year will expand on the content above introducing fundamental knowledge of C, along with introductions to machine learning and databases.

Morgan Academy - Dundee

2018 - 2024

Higher English - B, Math - A, Physics - B, Computing - A, Photography - A & National 5 Applications of Math - A

SKILLS AND ABILITIES

- Problem Solving and Ingenuity - Highly adaptable to the tools provided
- Teamwork through collaborative tools such as Git
- Software Debugging & Computer troubleshooting
- Core understanding of Computer programming, data structures and algorithms
- Familiar with a wide range of technologies and architectures - Windows, Mac & Linux, with multiple types of systems such as Raspberry Pi B+/Pico, x86 and ARM
- Communication skills developed through my time working in customer service and team projects
- Strong sense of direction in projects and a drive for quality
- Good understanding of user experience and accessibility
- Key knowledge of systems analysis and design
- Well-founded understanding of Computer systems and basic electronics
- Readable, well documented code for easy integration and understanding

WORK EXPERIENCE

Floor Staff – Forgan’s Broughty Ferry – Dundee

7/25 – Present

- Worked serving behind the bar and on the floor during large events of 100+ people such as weddings and interactive shows, playing into situations where appropriate.
- Serving customers in a busy restaurant environment, managing time effectively to ensure low customer wait times.
- Resolving issues with customers amicably, so they continue to have a positive experience and feel heard.

Senior Front of House Staff – Oshibori/Shochu – Dundee

2/23 – Present

- Fronted multiple Japanese Food tasting & Sushi making sessions for primary school students to great success.
- Organized accommodations to allow for an unnotified walk-in of 30+ people, making sure all food and drink orders were taken and served in a timely manner
- Managed Bars for multiple private functions with 30+ people, informing customers of our various drink options and substitutions
- Worked Managing an entire restaurant floor for evening service, communicating with the kitchen for organization and customer requests
- Assisted in training multiple new front of house hires in their duties and operating procedures
- Actively asked to help cover other roles when needed, to ensure smooth operation during busy service periods
- Updated the POS system with all new pricing and items when new menus were updated and introduced
- I went out of my way to make sure that everything was clean, organized and highly presentable both when I am working and after I have left
- Responsible for opening and closing, along with cash handling while the manager responsible was away

OTHER ACHIEVEMENTS AND INTERESTS

During School I achieved a Computing Dux for my outstanding work in computing, along with being a prefect in my last year, which came with some responsibilities relating to helping lower years. I have also been actively working with the Former Pupils Association to update their website, along with being active as a scout leader for multiple years.

In my time, I work on repairing and maintaining vintage computers and electronics. This has helped me gain a deeper understanding of computer hardware through physical experimentation and working with lower-level operating systems and software as compared to modern OS's. It has also developed a good understanding of electronics diagnosis and basic electrical engineering and component knowledge.

I am currently Elected Secretary of the Dundee University Bands Society. In this role I take responsibility for the main administration of the society, including emails, association with DUSA and assisting the other members in their organization. I also front a local band and run social media promotion for us and have played a couple successful gigs with great attendance

REFERENCES

References are available on request.