

# KIT COCHRANE

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## SUMMARY

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Looking for a 2<sup>nd</sup> 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

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### Dundee University

2024 - Present

BSC Computer Science - 2<sup>nd</sup> Year

1<sup>st</sup> 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

2<sup>nd</sup> 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

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- Problem Solving and Ingenuity
- 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

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### 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

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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

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References are available on request.