

David Khang

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EDUCATION

University of South Australia Bachelors in Software Development (Dean’s List) GPA: 6.14 / 7 University Merit Awards: Top 15% of Students with Highest GPA in 2021, 2022, and 2023. Coursework: Data Structures, Algorithms, Java & Python Programming, Object-Oriented Programming, Cloud Computing, Operating Systems, Information Systems, Agile, Governance	<i>Jul 2021 - Nov 2023</i>
University of Adelaide Double degree Bachelor’s in Mathematics & Computer Science and Finance (Dean’s List) GPA: 6.5 / 7 Coursework: Data Analytics, Econometrics, C++ Programming, Financial Economics, Mathematics for Data Science, Principles of Economics, Web and Database Computing, Statistics	<i>Feb 2020 - Jul 2021</i>

WORK EXPERIENCES

Data Action <i>Automation Testing Intern</i> <ul style="list-style-type: none">Executed test cases and revised and maintained regression test case suites - manual and automated, resulting in a 20% reduction in the time it took to complete regression testing.Extended the existing automated test framework to support new features, increasing test coverage by 10%.Supported the Test Team in developing test documentation following formal testing methodologies, resulting in a 10% increase in defects identified and fixed before release.	Adelaide, SA <i>Aug 2023 – Nov 2023</i>
PwC <i>Technology Assurance Intern</i> <ul style="list-style-type: none">Reduced the risk of data breaches for a Fortune 500 company by 25% by implementing new security controls and conducting regular security audits.Collaborated with team members to identify and address clients' assurance needs, including conducting risk assessments and developing risk management strategies.Helped a technology start-up improve its compliance with industry regulations by 12% by assessing its compliance programs and providing recommendations for improvement.	Adelaide, SA <i>Dec 2022 – Feb 2023</i>
TeamViewer <i>IT Support Intern</i> <ul style="list-style-type: none">Ensured 100% compliance with all relevant security policies by developing and implementing comprehensive security procedures and conducting regular audits.Managed all IT and physical environment security risks by developing and implementing a risk management framework and working closely with State and Federal authorities.Provided support to the Systems Administrator on various aspects of IT security, ensuring the security of the IT infrastructure and data, resulting in no security breaches or data breaches during my tenure.	Adelaide, SA <i>Sep 2022 – Dec 2022</i>
Accenture <i>Technology Bootcamp Intern</i> <ul style="list-style-type: none">Collaborated with other students across Adelaide and Canberra to form a team and won first prize in Accenture Bootcamp by developing cloud migration solutions for the company with support from Accenture mentors.Our primary solution was to help the company understand the benefits of moving to the cloud, including the cost of storing, security, and environmental impact.Achieved first prize after presenting our solution to the Accenture staff, including the Seniors and the Managing Director.	Adelaide, SA <i>Sep 2022 – Sep 2022</i>

PROJECT EXPERIENCES

Practera (Study Australia Industry Experience Projects) <i>Project Consultant</i> <ul style="list-style-type: none">Conducted reports and competitor analysis for Krimson Asia, reducing their R&D cost by 20% and enabling them to launch in the market at the end of the year.Collaborated with a research group of five students to identify and evaluate market competitors and improve methods for attracting stakeholders and potential clients.Contributed to identifying and evaluating market competitors and improved methods for attracting stakeholders and potential clients while working on a group project at Practera.	Adelaide, SA <i>Jun 2021 – Jul 2021</i>
Self-built Project (Python): Tic Tac Toe, Poker, Calculator	

CONTESTS & ACCOMPLISHMENTS

Space & Innovation Industry HACKATHON: <ul style="list-style-type: none">Won Second Place out of 32 teams in the hackathon at Lot 14 by working with three students to develop a website that calculates how much energy emissions the cloud providers produce.
Programming Competition: <ul style="list-style-type: none">Ranked First in the University and Ninth Nationally out of 32 teams in the South Pacific Programming Contests - Anzac Contest 2 and Anzac Contest 3 by working with two other students to solve a list of challenges using Python.

VOLUNTEER EXPERIENCES

University of Adelaide Volunteer Program - *Volunteer*
Adelaide University Union (AUU) – *U Crew*
Terry Fox Run for Cancer Research - *Event Volunteer*
International Student Business Society - *Event Coordinator*

SKILLS & OBJECTIVES

- A highly motivated graduate with a solid academic background** in Information Technology, Mathematics and Computer Science seeks to play an exciting role in serving South Australia and leading the world in the shift to clean energy.
- Demonstrated a strong academic performance and ability to collaborate effectively within teams** while valuing extracurricular activities and impactful life outside of my studies through community activities during my internship at PwC.
- Proven problem-solving skills and analytical mindset** showcased through winning first prize in the Accenture Tech Bootcamp and reducing R&D cost by 20% for Krimson Asia during a project at Practera.
- Committed team player with excellent communication who value diversity and inclusiveness** would like to join one of South Australia’s key innovators, help to build a sustainable and renewable future that people, customers, and community can be proud of.
- An enthusiastic Graduate who looks for opportunities to try out new ideas**, experience how great it feels to succeed, and have a whole load of fun along the way while working with diverse, talented and motivated people in the state to drive the innovation.

Proficient: Python, Java, JavaScript | **Prior Experience:** SQL, HTML/CSS, MATLAB