

# WILLIAM HARTONO

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## PROFESSIONAL EXPERIENCE

### SEI Investments – Database Administrator | Oaks, Philadelphia (Remote)

October 2020 - Current

- Managed Production and Implementation-level Oracle Databases as Production DBA
  - Served as 1 of 2 Production-level Database Administrators (DBA) on a US\$2.5M+ project to provide 24/7 support for client-facing services across 15+ Oracle databases and systems
  - Boosted SQL performance by up to 90% per query through profile creation, SQL tuning, and analysis; Eliminated Oracle GoldenGate lag of 8+ hours; Performed daily smoke testing across all environments, reducing team-wide workload by 4% every week and increasing team efficiency
  - Documented daily events and ongoing issues for following shifts; Presented daily overview during team meetings consisting of 20+ members; Established a new system to send status reports regarding long-running SQL queries and Implementation-level environment health, resulting in improved communication between teams across time zones, including PST, EST, GMT, and IST.
- Assisted Several Projects During Covid-19 Pandemic as Software Engineer
  - Prototyped an investment website using Javascript, HTML, and CSS to test new features such as an API using Java, Yahoo Finance, and MongoDB to fetch/store stock prices in under 2 seconds
  - Developed a Proof of Concept (POC) to migrate projects over from Jenkins to Gitlab CI/CD

### UCI Student Center – Crew Lead and Audiovisual (AV) Technician | Irvine, CA

May 2019 - June 2020

- Supervised team of 20+ members while maintaining a constant line of communication between crew and supervisor-on-duty; Delegated tasks to subgroups resulting in 2+ hours saved during shifts
- Operated professional AV services while providing frontline customer service during live events with guest lists of 300+ people
- Trained 10+ people for advanced AV, with all trainees getting promoted to AV Technicians

## PROJECTS

### US Navy – Autonomous Targeting Robot | Irvine, CA

March 2019 - March 2020

- Engineered an autonomous targeting robot for Senior Design Project (SDP) sponsored by the US Navy
  - Programmed movement and hit-detection scripts using Python, yielding 93%+ accuracy in terms of GPS location and hit detection
  - Designed a GUI using Java which was awarded “Best Overall GUI”

### State Farm Auto Insurance – Artificial Intelligence Program | Irvine, CA

May 2020 - June 2020

- Delivered an Artificial Intelligence program for State Farm’s Distracted Driver Detection Challenge that achieved 98% accuracy on the training set of 20,000+ images

## EDUCATION AND CERTIFICATIONS

### University of California, Irvine – Bachelor of Science | Irvine, CA

September 2016 - June 2020

- Majored in Computer Science and Engineering

### Amazon Web Services – AWS Certified Cloud Practitioner | Remote

November 2020 - December 2020

- Achieved a score of 929/1000 on the exam

## SKILLS & INTERESTS

**Technical Skills:** Python, Java, C++, SQL, MySQL, SQL Servers, Linux, AWS, Database Administration

**Soft Skills:** Communication, Teamwork-Oriented, Self-Teaching, Leadership, Presenting, Decision Making

**Interests:** Traveling, Photo/Video Editing, Coding, Gaming, Blender, Animation, Graphic Design, Technology