Considering an IT career?
Learn about careers in the top 8 sectors of IT, including how much you can earn over the course of your career.

Discover IT Career Resources
Easily find the information you need with this comprehensive list of resources from local organizations and universities:

University of Hawai‘i Community Colleges
University of Hawai‘i at Manoa
Chaminade University of Honolulu
Hawai‘i Pacific University

Simply scan the QR code or visit CIOCouncilofHawaii.org/IT-career-resource.

AVERAGE ANNUAL SALARIES* OF TOP IT CAREERS
View the graph to compare salary increases over time for 8 popular IT career paths. Open the inside flap of this brochure to learn more about each career path.

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CIO COUNCIL OF HAWAI‘I
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**Senior-Level Positions**

**Program Manager**

**Entry-Level Positions**

**Mid-Level Positions**

**DevSecOps Software**

**Entry-Level Positions**

**Jr. Business Analyst**

**Machine Learning Scientist**

**Entry-Level Positions**

**Cybersecurity Specialist**

**IT/ Cloud Support**

**Customer Service**

**Business, Sales, & Management**

Use tech to interface, problem-solve, & improve operations & strategy.

**Minimum Degree Requirements:** Bachelors (Business, Management Information Systems)

**Data Analytics & Modeling**

Interpret, visualize, analyze, present, & maintain data.

**Minimum Degree Requirements:** Bachelors (Data or Computer Science, Applied Math/Stats, Management Information Systems, Finance, Economics)

**Infrastructure Connectivity**

Design networks & computing system (e.g. cloud infrastructure) for organization’s needs.

**Minimum Degree Requirements:** High School, Associates, Computing Electronics & Networking Technology

**Recommended Certifications:** CAP, PIB, CBDA, CFPBA, CPRe, International Institute of Business Analysis (IIBA)

**AVERAGE ANNUAL SALARY**

**Business, Sales, & Management**

$200,000+

**Cyber Security & Risk**

Ensure organization-wide privacy & security controls for systems, information, & data.

**Minimum Degree Requirements:** Associates, Bachelors

**Recommended Certifications:** CAP, PIBA, CBDA, CPRe, International Institute of Business Analysis (IIBA)

**AVERAGE ANNUAL SALARY**

**Data Analytics & Monitoring**

**Software Development & Integration**

**Technical Support**

Monitor, maintain, troubleshoot, & resolve technical issues.

**Minimum Degree Requirements:** High School, Associates, Computing Electronics & Networking Technology

**Recommended Certifications:** SEMC, CSDP & ITIL Certified, AWS, Azure certifications, DevSecOps Professional

**AVERAGE ANNUAL SALARY**

**Innovation**

Plan & develop new, innovative technology solutions for companies.

**Minimum Degree Requirements:** Bachelors

**Recommended Certifications:** AWS Machine Learning Specialty

**AVERAGE ANNUAL SALARY**

**Project Management**

Plan, budget, organize, coordinate, & communicate project deliverables.

**Minimum Degree Requirements:** Bachelors (Business, Management Information Systems)

**Recommended Certifications:** CAPM, PMP, Six Sigma, SCRUM Master, AGILE

**AVERAGE ANNUAL SALARY**

**Technical Support**

**Vendor Support**

**Clocks**

**Software Development & Integration**

**Technical Support**

**Recommended Certifications:** CompTIA A+, AWS Cloud Practitioner, Solutions Architect Associate & Professional, Advanced Networking Specialty

**AVERAGE ANNUAL SALARY**

**Cyber Security & Risk**

**Minimum Degree Requirements:** Associates, Bachelors

**Recommended Certifications:** Associate of ISCI2 (r/cissp), CISSP, CISM, Security+, CYSA+, AWS Security Specialty

**AVERAGE ANNUAL SALARY**

**Networking**

**System Architect**

**Cheif Technology Officer (CTO)**

**CIO**

**Director**

**PMO Director**

**Security Manager**

**CISO**

**Chief Information Security Officer**

**Chief Information Officer (CIO)**

**Chief Technology Officer (CTO)**

**Chief Operating Officer (COO)**

**Recommended Certifications:** CCNA, CCNP CompTIA Network+, MCSA, Azure Fundamentals, VMWare Certified Associate & Certified Professional, AWS Cloud Practitioner, Solutions Architect Associate & Professional, Advanced Networking Specialty

**AVERAGE ANNUAL SALARY**

**IT/ Technology**

**Vendor Support**

**Service Manager**

**Service Owner**

**Customer Service Director**

**Help Desk Technician**

**IT/ Cloud Support**

**Recommended Certifications:** CompTIA A+, AWS Cloud Practitioner Foundation, SysOps Administrator Associate

**AVERAGE ANNUAL SALARY**

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*Average annual salaries are based on national 2022 data.*