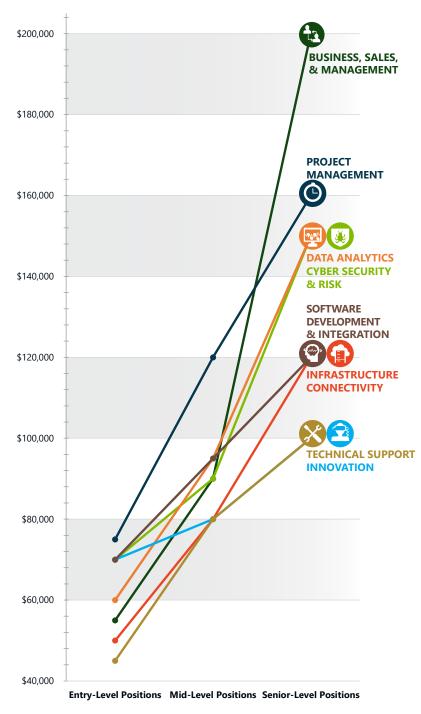
#### **SALARY COMPARISON\*** OF TOP 8 IT CAREER PATHS

View the graph to compare salaries of popular IT career paths. For a summary of each career, view TOP 8 IT CAREER PATHS on the left panel.



#### **DISCOVER IT CAREER RESOURCES**

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

Brigham Young University

Chaminade University of Honolulu

Hawai'i Pacific University

University of Hawai'i System



Scan the QR code or visit CIOCouncilofHawaii.org/IT-career-resources.















# **Considering an IT career?**

Learn about the top 8 IT career paths and salaries\* available at most of Hawaii's commercial, non-profit, academic, and state and local government organizations.

\*Salaries were compiled using Hawai'i-specific Lightcast job posting data and input from Hawai'i-based IT recruiting firm.

### Brought to you by:









#### **TOP 8 IT CAREER PATHS**

To learn about a career path, look for its icon and color in the graph and charts.



#### Business, Sales, & Management

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

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



# Data Analytics, Visualization, & Modeling

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

#### Minimum Degree Requirements:

Bachelors (Data or Computer Science, Applied Math/Stats, Management Information Systems, Finance, Economics)



#### Innovation

Plan & develop new, innovative technology solutions for companies.

Minimum Degree Requirements:
Bachelors



## Software Development & Integration

Analyze, design, develop, test, & install software & applications.

Minimum Degree Requirements: High School<sup>†</sup>, Associates

\*Salaries compiled using HI-specific Lightcast job posting data & HI-based IT recruiting firm input.



#### **Cyber Security & Risk**

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

Minimum Degree Requirements: Associates, Bachelors



## Infrastructure Connectivity Management & Engineering

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

Minimum Degree Requirements: High School<sup>†</sup>, Associates, Computing Electronics & Networking Technology



#### **Project Management**

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

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



#### Technical Support

Monitor, maintain, troubleshoot, & resolve technical issues.

Minimum Degree Requirements: High School<sup>†</sup>, Associates, Computing Electronics & Networking Technology

\*Most entry-level positions require applicable experience and/or recommended certifications.

#### **PROMOTIONAL TRACKS\*** FOR TOP 8 IT CAREER PATHS

View the charts below to dive deeper into each career path's positions.



Chief Information Officer (CIO)

\$90,000 Mid-Level Positions
Business Analyst Management Analyst

\$55,000 Entry-Level Positions†
Associate Analyst Jr. Business Analyst

Recommended Certifications: None

### DATA ANALYTICS AVERAGE ANNUAL SALARY\*

\$150,000+ Senior-Level Positions Chief Data Officer (CDO) Senior Data Scientist Mid-Level Positions Data Analyst & Visualist Data Administrator Operation's Research Analyst Data Scientist Geospatial-Intelligence Analyst Sr. Statician Data Integration \$60,000 Entry-Level Positions<sup>†</sup> Specialist Report Writer & Research Analyst Developer Statistician

Recommended Certifications: AWS Data Analytics, MS Data Analyst Associate, CompTIA Data+

### **INNOVATION AVERAGE ANNUAL SALARY\***

\$100,000+ Senior-Level Positions Chief Innovation Officer (CIO)		
	id-Level Positions nalyst	Machine Learning Scientist
\$70,000 Entry-Level Positions <sup>†</sup> Associate Analyst		

**Recommended Certifications:** AWS Machine Learning Specialty

### SOFTWARE DEVELOPMENT & INTEGRATION AVERAGE ANNUAL SALARY\*

\$120,000+ Senior-Level Positions		
Sr. Software & App Developer Sr. DevSecOps Software & App Developer Architect Manager		
\$95,000 Mid-Level Positions		
Software & App Developer DevSecOps Software Engineer		
\$70,000 Entry-Level Positions <sup>†</sup>		
Jr. Software & App Developer Web Developer Jr. DevSecOps Software Associate		

Recommended Certifications: AWS certifications, MS Azure certifications, ITIL certification

For a summary of each career, view TOP 8 IT CAREER PATHS on the left panel.

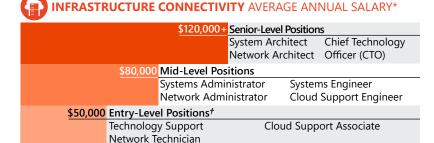


\$150,000+ Senior-Level Positions
Chief Information Security
Officer (CISO)

\$90,000 Mid-Level Positions
Security Analyst Security Operations
Security Manager Center Manager

\$70,000 Entry-Level Positions†
Jr. Analyst Cybersecurity Specialist

Recommended Certifications: CISSP, Associate of ISC2 (r/cissp), CompTIA Security+, CISM

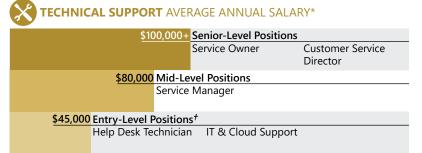


**Recommended Certifications:** AWS Solutions Architect Associate, AWS Cloud Practitioner, MS Azure Fundamentals, CCNA, CompTIA Network+





Recommended Certifications: PMP, CAPM, SCRUM Master, Agile certifications



Recommended Certifications: CompTIA A+, AWS Cloud Practitioner, SysOps Admin. Assoc.