Multnomah County

IT Career Day

October 12, 2016

Program goals

Provide opportunities to learn how school subjects translate into valuable knowledge for careers.

Engage students in the real work of IT professionals.

Highlight the variety of IT roles at the County.

Offer an inspiring experience for students and IT staff.

Program participants

High school students

High school career counsellors

PWA Board Members: Victoria Cross and Jane Williams

PWA Coordinator

Multnomah County IT managers/staff

Program Agenda 🖊

Time	Agenda Activity	Notes
8:30 - 9:00	Student/Career Counsellor Arrival Morning Snacks and Beverages Registration and Swag	Greeted by PWA and County hosts: Victoria and Jane
9:00 - 9:30	Formal Welcome Introduction to day IT and 165 jobs: what we do	Intro to day: Victoria Welcome: Jane Intro to IT: Bob Infographic and What careers you'll see today
9:30 - 10:00	Target Session One + transition	Students self select
10:00 - 10:30	Target Session Two + transition	Students self select
10:30 - 11:00	Target Session Three + transition	Students self select
11:00 - 11:30	Target Session Four + transition	Students self select
11:30 - 12:00	What you didn't see...eg. sustainability in IT	5th floor/eco roof to reconvene

Featured IT Areas

Session	Topic	Activity	Host
1	Privacy and Security	Eg. Prevent Phishing	Dennis Tomlin
2	Project Management	Plan a Project: How do you get the team to Alaska?	tbd
3	Desktop	Tell the story: A day in desktop support Eg: Give a nurse an ipad, and then what...	Dan Gordon
4	GIS	(comp lab) Using GIS, make your map	tbd
5	Web Hosting: Commons	Build Bob's Commons Page	Tara B-B

Overview of IT 2016

of Incident Tickets Resolved

11,435 Devices
(PCs, Laptops, Smart Phones)

6,661 Telephones

6,162 Employees

62,027,500 Files

27.7 *Terabytes* of Data

1018 Databases

GB of Data

440 Applications

210 Open Projects

723 Servers

IT Roles at the County

CURRENT Information Technology Staff

180*

7
Operators
Maintains optimal enterprise Data Center operating environment for production customer application hosting.

11
Network Admins
Manages the delivery of Voice, Video and Data network services

5
Security Admins
Provides Identity Account Management, Cyber Security and Investigations

15*
Computing Admins
Manages the computing environment on which our applications run, including servers and storage.

7*
Database Management Admins
Manages the software that controls the organization, storage, retrieval, security and integrity of data in our databases.

2
GIS Admins
Manages, stores, manipulates and presents all types of geographically referenced data.

7
Web Admins
Manages and maintains Web sites for the delivery of content, images and video

23*
Deskside Techs
Provides a consistent and reliable client computing environment to our customers and ensures that they have the technology tools they need

7
Helpdesk Agents
Single point of contact for all County clients to report IT issues

27*
Business Consultants
Identifies and realizes business process improvements through innovative, efficient, and robust technology solutions.

36*
Application Developers
Provides the development, implementation and management of custom software solutions

16
Project Managers
Manages the delivery of technology projects

2*
Strategic Planners
Provides strategic planning, manages Enterprise Architecture and Disaster Preparedness Services

15*
Management
Provides direction and leadership to achieve the IT mission and ensure business value

*Includes 19 vacancies)

Sessions and Cohorts

All participants can attend each of the four session. Cohorts will rotate every 30 minutes

<u>Session Schedule:</u>

Settle in/set up: 5 minutes

Learning Activity: 20 minutes

Transition to next session: 5 minutes