



ACM

2014-2015 Overview

Association of Computing Machinery

World's largest computing society

170 chapters, 35 Special Interest Groups, and 500 campus chapters

Publishes several scholarly journals

Conferences around the world

Programming contests

ACM-W for Women in Computing



Officers

Kyle Rogers

President
5th Year | CS, CE, EGM
TA for Artificial Intelligence & Automata
Cybersecurity at GE Aviation
System Test Engineer at Progressive

Nathan Mara

Vice President
Sophomore | CS, Minors: MGT, ISA
Telecom Intern at DTE Energy

Naoki Mizuno

Treasurer
Junior | CS

John Shaver

Secretary
Sophomore | CE, SE, IMS

Benefits of ACM

Develop new skills that will help you in your career

Learn about new technology

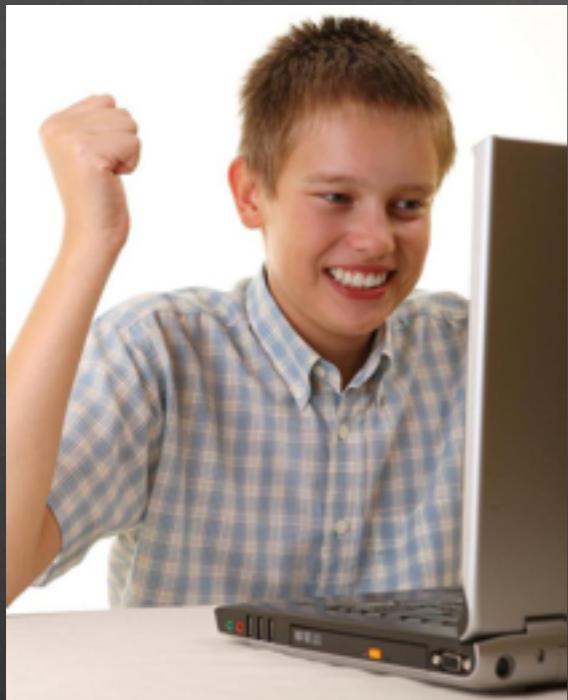
Have fun and meet other CSE/ECE majors

Participate in Company Recruiting Events



Become a Better Developer

Before ACM



After ACM



Build Skills Outside the Classroom

Linux Development Workflow

Create Professional Papers

Use a Supercomputer

Cybersecurity

Upcoming Events

9/10

Intro to Linux

9/16

Meet & Greet with Progressive
Insurance

9/20

Paintball (Tentative)

9/24

Intro to Latex

10/1

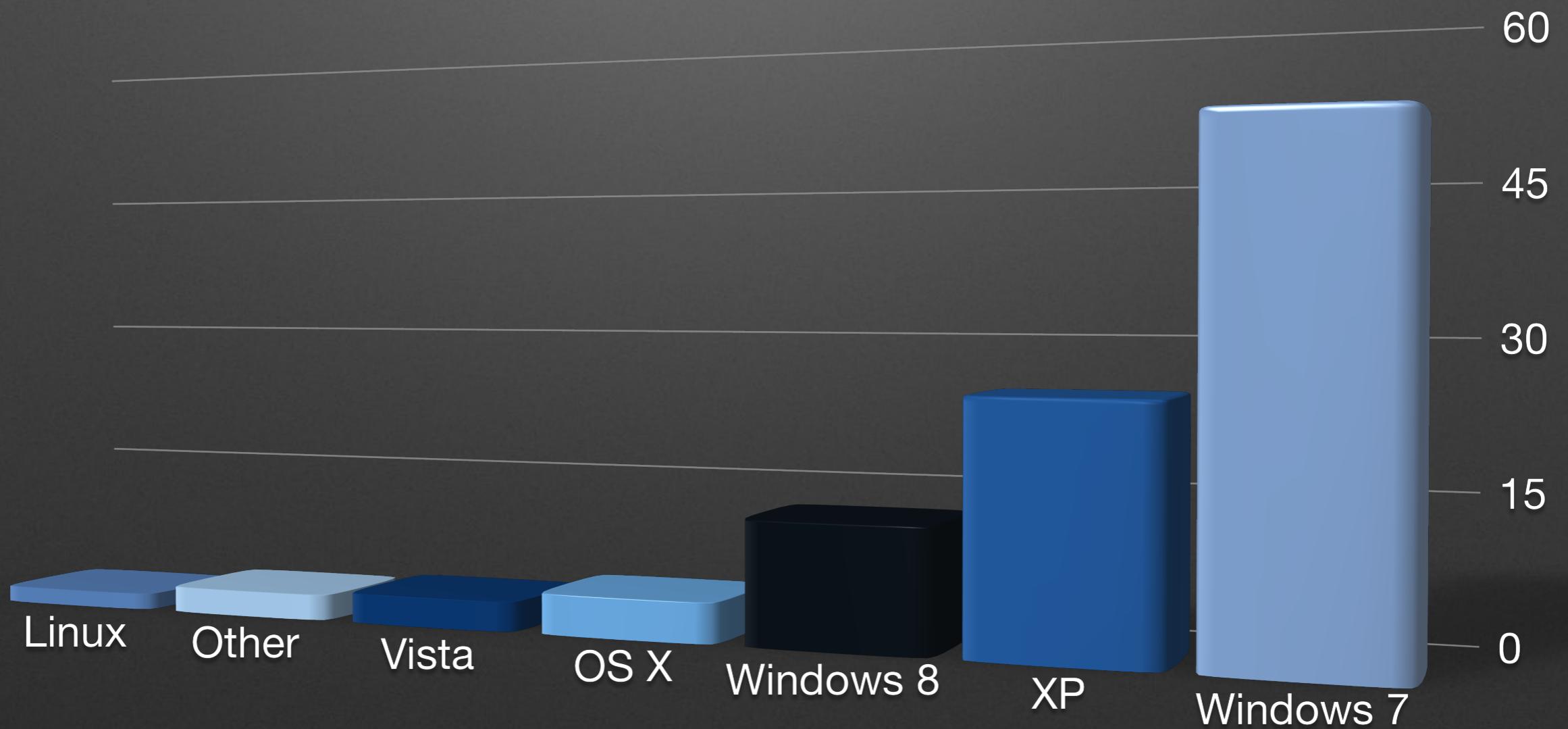
Using a Supercomputer

Linux



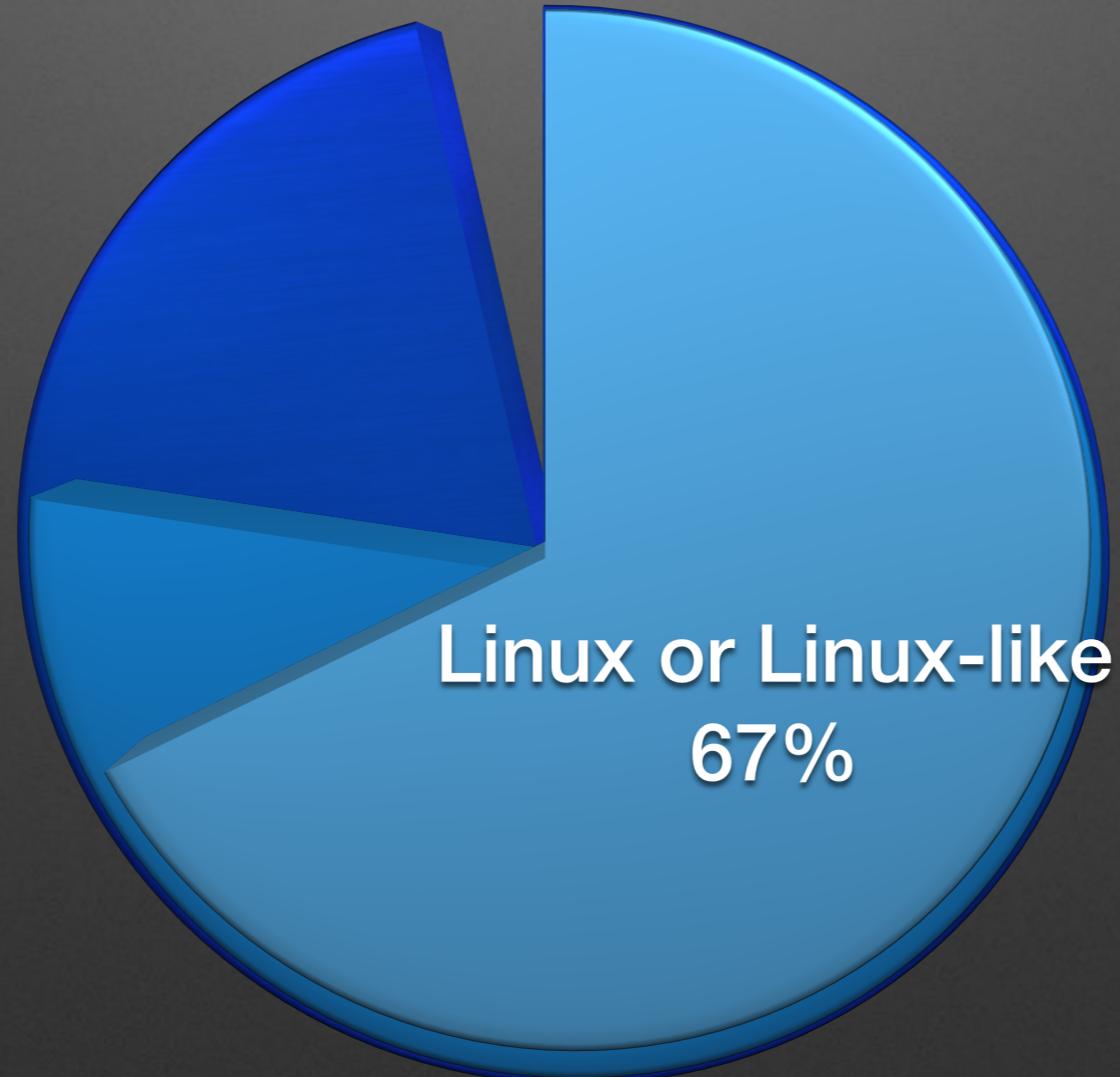
Think You Don't Need to Learn to Use Linux?

Desktop Marketshare



You Need Learn to Use Linux

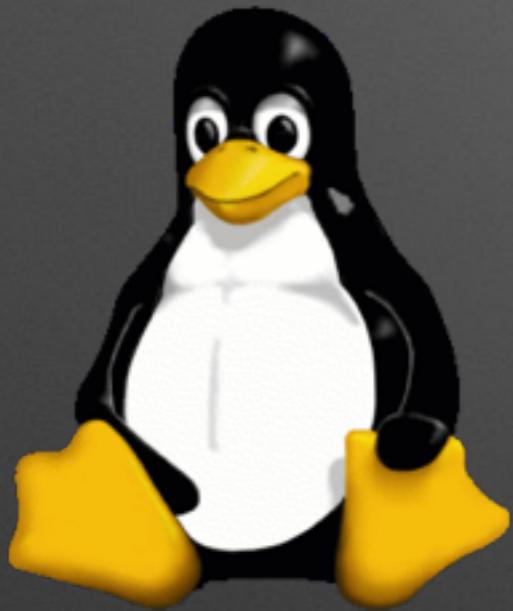
Companies Hiring Linux
Superservers Marketshare
Web servers Marketshare



**“Self-education is, I firmly believe, the only kind
of education there is.”**

–Isaac Asimov

Topics For This Semester



Linux



Python



Git



Emacs



Bash

Topics For This Semester

Additional Topics

Redhawk Supercomputer

Latex

Cybersecurity

Reverse Engineering

Make / Maven

Vim (text editor)

Suggestions



Project Ideas



Project Ideas

Smartphone App

Web Application

Data Mining

Work with IEEE

Suggestions?



Intro to Linux

Next Week