

STACKOVERFLOW SURVEY

2016 SUMMARY

Developers, Developers, Developers

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- Most people consider themselves Full-Stack Web Developers (28%)
 - Comfortable with 5-6 languages
 - Probably self selecting (most stack overflow users are probably web developers of some type)
- Other notable titles:
 - Student 11.4%
 - Desktop Developer 6.9%

DEVELOPER OCCUPATIONS



- The average developer has about 6.5 years IT or programming experience.
 - This isn't necessarily *professional* experience (the average student tells us they have 3.4 years experience).
- By Profession:
 - The median Front-End Web Developer has 3.5 years experience.
 - The median Full-Stack Developer has 8 years experience.
 - The median Engineering Manager has 13 years experience.

EXPERIENCE

- Self-Taught - 69.1%
- On the Job Training - 43.9%
- B.S. in Computer Science (or Related Field) - 34.8%

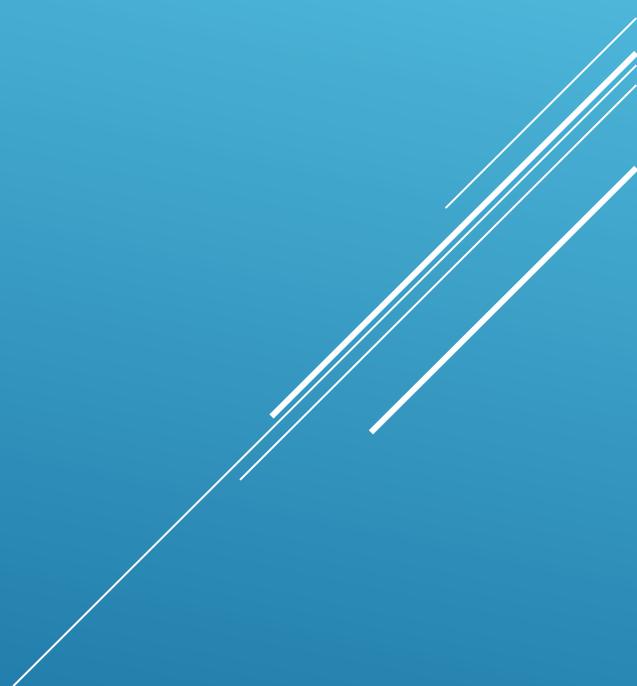
EDUCATION

- The average developer is 29.6 years old.
- The median is 27.

- Men: 92.8%
- Women: 5.8%

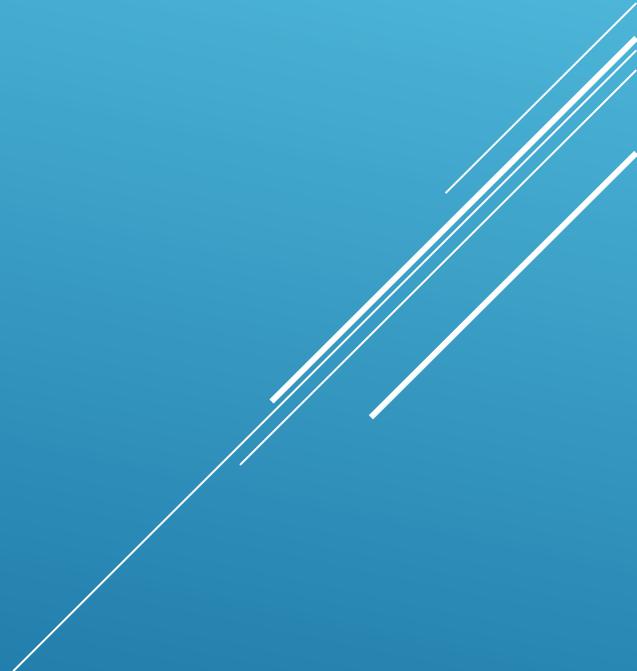
- Stack overflow has a breakdown of experience and gender

AGE & GENDER



- Who cares?

ROCKSTAR VS. NINJA



- JavaScript is King
 - Dependent on developer type
 - Full-Stack – 85.3%
 - Front-End – 90.5%
 - Back-End – 54.5%
- Heavy Python usage in Math & Data
- Students are learning on Java (51%)
- 2nd place occupied by SQL, Java, C#

LANGUAGES

- Cloud-tech pays top dollar
 - Spark
 - Cassandra
 - Hadoop
- Functional Programming
 - Scala
 - F#

COMPENSATION



- Unrealistic Expectations - 34.9%
- Poor Documentation - 34.7%
- Unspecific Requirements - 33.5%

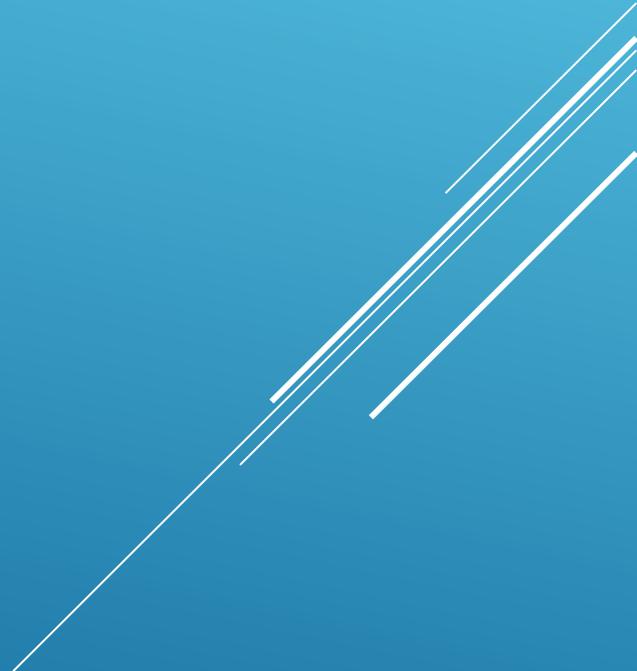
CHALLENGES

- Very different than UCDavis Reported:
- 96% report working on a team
 - Compared to only 63% @ UCDavis
- No data on average team sizes for common titles
 - Enterprise Level Services Developer – 8.3
 - Analyst - 8
 - Database Administrator – 7.9

TEAM SIZE

- 57% developers check in code multiple times per day
- 65% of developers who never check in code are satisfied at their jobs
vs.
- 77% satisfaction rate among developers who commit code multiple times per day.

CHECK-INS CORRELATE WITH HAPPINESS

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More Info at:

<http://stackoverflow.com/research/developer-survey-2016>

