



# The Status of Women in Tech

In 2018, women held approximately 57% of professional occupations in the US workforce, in the same year they only held 26% of professional computing occupations.<sup>1</sup> Intersectional representation is even more abysmal when broken down by race and ethnicity - 3% of computing workforce was African-American women, 6% was Asian women, and 2% was Hispanic women.<sup>1</sup> On average, the lowest annual salary in computing occupations is greater than \$40,000 for the nation, making computing occupations a lucrative field, and one from which women can't afford to be excluded.

The underrepresentation persists along women's technical journeys. Only 28% of AP Computer Science test-takers were female in 2018, despite being 56% of total AP test-takers.<sup>7</sup> In 2017, 57% of bachelor's degree recipients were women, and yet when it comes to Computer and Information Sciences bachelor's, only 19% of recipients are women.<sup>6</sup> And women are abysmally represented at the executive levels, demonstrated by the fact that only 20% of Fortune 500 Chief Innovation officers were women in 2018.<sup>8</sup>



## Recruitment

Women make up roughly one quarter of annual hires in the technical workforce, despite being half the population.<sup>2</sup>



## Retention

Women are choosing to leave their tech roles at higher rates than their male counterparts.<sup>3</sup>



## Advancement

Women are vastly underrepresented within leadership in the tech industry, especially at the executive level.<sup>4</sup>



## Pay

Women, and especially underrepresented women of color, earn less than their white, male colleagues in tech.<sup>5</sup>

# The value of women's technical work

In 2018, female-founded companies received only

# 2.9%

of total venture capital investment.<sup>9</sup> Since 2009, Black-women led up startups have only received

# .0006%

of the total tech venture funding.<sup>10</sup>

The women inventor rate remains low, at only

# 12%

despite women's increasing participation in invention prone disciplines.<sup>11</sup>

A 2018 survey revealed that Black and Latina technical women earn on average

# 90%

of what their white male colleagues do for the same work.<sup>5</sup>

## Retention of women in technical occupations

- More than half of technical women leave their role mid-career<sup>12</sup>
- Women voluntarily leave the technical workforce at a higher rate than their male counterparts<sup>2</sup>
- 36% of underrepresented women of color cited unfair treatment as their reason for leaving their most recent tech job<sup>3</sup>

## Practices for workforce inclusion<sup>2</sup>

- Develop and promote women through leadership training, sponsorship, and clear advancement systems
- Work toward full equity for all employees at every level with annual pay equity audits
- Implement family friendly policy such as parental and family leave and flex time

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