



LACK OF WOMEN IN COMPUTER SCIENCE

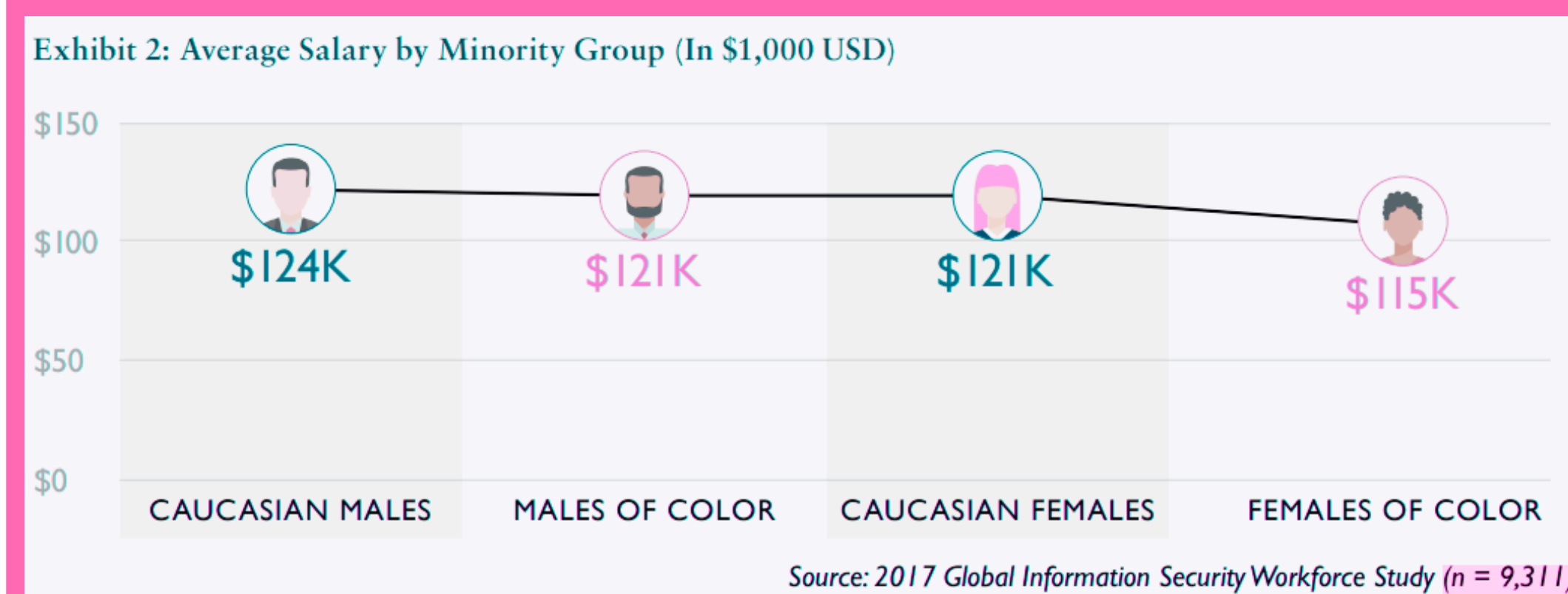
SHANTRELLE MACK - INNOVATION ACADEMY



INTRODUCTION

My name is Shantrelle Mack and I am a junior at Innovation Academy. I am investigating the gender gap in computer science and how I can help combat this problem. My final product will be an app.

RESULTS



LIMITATIONS

As I've worked on my project, I've come across a few limitations:

- Time
- lack of articles
- incomplete responses from respondents
- financial concerns

PURPOSE

To create an app that is dedicated to closing the gender gap by providing more resources and opportunities for communication.

METHODOLOGY

How does the development of mobile apps affect an increase in female representation in tech careers?

This project explores mixed-methods that combines interviews and testing to design and develop an app aimed at increasing women participation in computer science.

SIGNIFICANCE AND IMPACT

There has been a steady decline in women in tech careers since the early days of computing. My mobile app aims to combat this by providing networking opportunities, access to resources, and education while promoting diversity and empowerment. My goal is to support women currently in computer science and inspire broader advocacy for better representation in the field.

KEY FINDINGS AND ANALYSIS

Despite the growing demand for computer science careers, the gender gap persists, with women significantly underrepresented. Initially, women played a major role in the field, but interest has declined over time. Many women in tech feel isolated, working in male-dominated teams where they often feel unimportant. This decline is attributed to the competitive and exclusionary culture of the industry.

