Quantitative Developer

Responsibilities

Design/ Test New Computer Hardware
Developers create new machines and test them before sending it out to the public to buy.

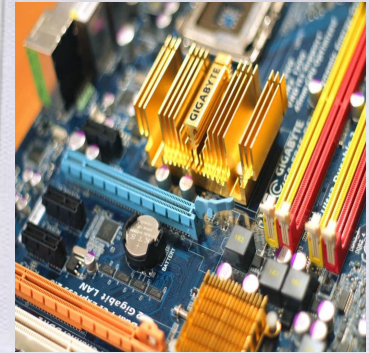**Update Outdated Computer Hardware**
Create new chips and processors for new technology. To make old technology capable of running new software, they need to update it.

Maintaining Knowledge of New Tech
As our world gets more technology innovative, computer hardware engineers need to learn about new technology to stay ahead of competition

Travel!
Developers travel across the world to pitch their new innovations

Computer Hardware Engineers Do Not Just Create Computers

Quant Developers work with all technology that uses processors, computer components, and connects to the internet.

Work Hours

✗ Working with a group to plan and create projects
✗ Debugging and Problem-Solving
✗ Preparing for presentations after completing projects

An average of 70 hours a week

However this depends on the size of the financial package the quants are dealing with, so times will vary.

The Money

National Pay
The national pay ranges from $70,000 for starting salaries and can go up to $180,000 as one gains experience in a company

San Jose Pay
San Jose pay average pay is $135,000, being the highest paying city

Pay Range
Lower 10%- $70,000

Median 80%- $115,000

Upper 10%- $180,000

Sample Education Path
(Non-Business Route)

Bachelors in an ABET Technology Program + Internship

A Master's Degree in Computer Engineering

A Master's Degree in Business Administration

Thanks!