

I am writing to inform you that Intel (Ocotillo, AZ) is in the process of looking for a recent college graduate to fill a statistician position at our F32 manufacturing site. Please distribute this to your statistics program and let us know if you have anyone interested in such a position. We are looking to fill the position as soon as possible so we'd be ideally focusing on the spring graduating class(or recent winter graduates). We're looking for a M.S. or Phd in Statistics. The details for the req are below and they can apply online at the main Intel website listed below (search on req# 572873).

Thank-you,

Chad

<http://www.intel.com/jobs/>

F32 Yield Stats Engineer - Req# 572873

Description

Job Description

Fab 32 is looking for highly motivated individuals with strong technical background and capabilities to sustain, ramp, and transfer 45nm, 32nm and beyond technologies using state of the art equipment and materials in the Yield area with data analysis skills. In this position, you will be responsible for providing Engineering Statistical expertise and direction to Fab32 126x factory. Your responsibilities will include but not be limited to a) key member of Process Change Control Board (PCCB) to review statistical components of all process changes, b) lead PCS (Process Control Systems) reviews of all key/control process parameters, c) provide Fab32 organization with extensive data mining analysis and modeling capabilities, d) take a strong leadership in ongoing process control and matching criteria development areas and software, e) teach Statistical classes including Intro to JMP, Stat Basics, DOE, PCS for Engineers, and Statistical Thinking, f) provide strong leadership in 126X Stat User group, h) consult with managers, engineers, and technicians on engineering methodologies, data analysis, and experimental design i) coach and train peers, and j) perform data analysis, experimental design, task force support and methodology development.

Qualifications

You must possess the minimum qualifications to be initially considered for this position. Must be skilled in data extraction and advanced data analysis techniques. Duties include devising, implementing and improving process control systems throughout the VF to improve capability and minimize excursions. Good communication skills are a must. Experience would be obtained though your graduate level research and/or relevant job/internship experiences:

- Must be a recent college graduate. (within 18 months of receiving/having received your degree)
- Must have or be graduating with a MS or Ph.D. in Statistics or equivalent is required
- Bachelors level only candidates will not be considered for this position.
- Must be able to work modified shifts as needed to support Intel business needs.
- Must be able to temporarily relocate to another Intel site for technology transfer training.
- Studies/degrees in engineering/science fields are a plus.
- Desired skills include SAS programming, JMP/JSL, Fab process flow knowledge, and a working knowledge of PCS, PCSA, SPC, APC, EP, and Reliability.
- unrestricted right to work in the US without requiring sponsorship.

Job Category: Engineering
Primary Location: USA-Arizona, Phoenix
Full/Part Time: Full Time
Job Type: Recent College Graduate
Regular/Temporary: Regular
Posting Date: Dec 17, 2009
Apply Before: Mar 19, 2010

Business Group:

As the world's largest chip manufacturer, Intel strives to make every facet of semiconductor manufacturing state-of-the-art -- from semiconductor process development and manufacturing, through yield improvement to final test and optimization, and lastly packaging. Employees in the Technology and Manufacturing group are part of a worldwide network of manufacturing and assembly/test facilities.

Posting Statement:

For U.S.: We will accept applications/resumes until 45 days after posting date or earlier at Intel's discretion.

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