Career Opportunities as a Statistician at Minitab

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Outline

- Job opportunities
- Skills needed to be successful

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- Career path
- Current job openings for statisticians

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My suggestions



- Statistical Designer in Research & Design Dept. (PhD in Stat.)
- Statistical Training Specialist in Training Dept. (Minimum BSc in Stat.)
- Technical Support Specialist in Technical Support Dept. (Minimum BSc in Stat.)
- Quality Engineer in Quality Engineering Dept (BSc in Stat.)

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2. Skills Needed to be Successful

2.1 Statistical Designer (PhD in Stat.)

- Maintain extensive knowledge on statistical methodologies and make recommendations on what to develop for each release.
- Research on a specific statistical functionality thoroughly.
- Produce a design document for development

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- Lead a team to implement a design
- Serve as the ultimate technical expert to address issues from users.

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• Being able to implement statistical computing algorithms in C++ is a plus

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Require excellent communication skills



2. Skills Needed to be Successful...

2.2 Statistical Training Specialist (Minimum BSc in Stat.)

- Working knowledge of quality-related statistics as used in industry.
- Significant experience with Minitab Statistical Software or other software packages is essential.
- Experience in teaching in a commercial or professional environment.
- Excellent communication skills.
- Ability to travel extensively, both nationally and globally.
- Ability to conduct training in a second language is preferred.





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2. Skills Needed to be Successful...

2.3 Technical Support Specialist (Minimum BSc in Stat.)

- Working knowledge of Minitab Statistical Software
- Answer technical support calls from users, solve complex statistical problems, or report issues to internal experts for further help, and communicate back solutions to users.
- Capture customer interaction, maintain customer records and information including suggestions for software improvements.
- Excellent oral and written communication skills.
- Ability to project a confident and professional manner over the phone.





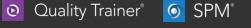
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2.4 Quality Engineer (BSc in Stat.)

- Work as a member inside a command development team in charge of testing a newly implemented command of Minitab Statistical Software
- Come up with a proper test plan to cover all important usage scenarios for every newly developed command.
- Write Minitab macros or use other software packages to verify the numerical and graphical output displayed by the command.
- Accurately log incorrect results as tasks in a bug database so that software engineers can reproduce the problem and fix the problem.



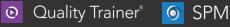




- Each position has four levels: Junior, Senior, Advisory, and Senior
 Advisory, which lay out a reasonable ladder for employees to move up.
- Company also provides extensive training opportunities for employees to be educated outside statistics field, such as taking courses in computer science, or earning a degree in management science if interested.





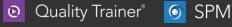




- Link: <u>http://www.minitab.com/en-us/employment/current-openings/</u>
- Hiring Statistical Training Specialist









5. My Suggestion

- If you are a PhD candidate, and interested in working at a statistical software company, then taking multiple statistical computing courses that emphasize effective statistical algorithm coding will give you an extra edge.
- C++, Java, R, and Python coding skills are great pluses.
- At the end, I'd like to say it is a lot of fun to be a statistical designer at Minitab.

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Thank you for your attention!



