

# baNaNa, September 22, 2016

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# Challenges

What challenges are you looking for?

- What activities (at work) do you enjoy?
- What are important prior conditions to working happily?
- Which sector are you interested in?
- In which country would you like to work?
- What type of organization attracts you?

# Qualities

- Precise
- Autonomous
- Objective
- Idealistic
- Supportive
- Competitive
- Lively
- Brave
- Tactful
- Helpful
- Organized
- Adaptive
- Traditional
- Open-minded
- Sensible
- Ambitious
- Conservative
- Demanding
- Reliable
- Decisive
- Imaginative
- Dedicated

# Skills

- **Self-management:** autonomy, cope with stress, planning, organizing, problem-solving;
- **Relational:** communication, teamwork, diplomatic, networking, presentations, confidence, assertivity;
- **Academic/technical:** research, interpretation, reporting, fund raising, language/pedagogical;
- **Intellectual:** conceptual/analytical/critical thinking, interdisciplinary, learning;
- **Leadership:** motivation, strategic thinking, creativity, take initiative, flexibility.

# Prior conditions

See document.

# Search for companies

- eScience Center, trainee TNO, Dynaflo, Deltares, KNMI, DNV GL, Alten, VORtech, Plaxis, Ecofys, LIME, TATA Steel
- The companies your supervisor collaborates with
- Which companies are at the DDB, EEMCS Recruitment Days, Mathematics and Industry
- Your LinkedIN friends
- SUPAIR (20th floor)
- Career Centre

# Search for companies

- <http://www.ewi.tudelft.nl/over-de-faculteit/afdelingen/toegepaste-wiskunde/numerieke-wiskunde/alumni/>
- <http://ta.twi.tudelft.nl/nw/users/vuik/brochure.html#werkkring>
- <http://ta.twi.tudelft.nl/users/vuik/alumni.html>
- <https://portals.project.cwi.nl/wsc/members/registration-form>
- [https://nl.wikipedia.org/wiki/Categorie:Onderzoeksinstituut\\_in\\_Nederland](https://nl.wikipedia.org/wiki/Categorie:Onderzoeksinstituut_in_Nederland)

Put your CV on

- Vacaturebank
- Monsterboard

- Started in 1996 as a spin-off company of the Faculty of Mathematics at TU Delft
- Software optimization and quality, data and models, mathematical consultancy
- Contact with industry: Shell, electricity transmission company TenneT, water management, environmental changes, tidal predictions
- Contact with universities: TU Delft, UGroningen, UTwente, TU Eindhoven, UvA (Amsterdam)
- Software, HPC, Git, Fortran, data and models, OpenMP

[www.vortech.nl/en](http://www.vortech.nl/en)



- European leader in engineering and technology consulting
- 20000 engineers
- Clients in the industrial, telecommunications and services sectors
- Active in 20 countries
- Sectors: Aeronautics & Space, Automotive, Defence & Security, Energy, Finance/Tertiary, Multimedia/Electronics, Rail/Naval, Telecoms

[www.alten.com](http://www.alten.com)

# Motivation letter

- Mention common contact
  - Address to actual person
  - Say where you saw the job advertisement
- 
- 1 Why you want the job:  
What attracts you to the role?
  - 2 Why you are a suitable candidate:  
Select examples which match job specification.
  - 3 What you can offer:  
What could you make to company/university?

# Preparation interview

- Bring materials you already sent in;
- Dress formal to the interview;
- Questions you have for them;
- Body language;
- Behavior during the interview and while you are in/near building;
- Learn more about company and interviewer (HR, manager, agency or colleague?):
  - ▶ HR interviewer: fancy and standard questions;
  - ▶ Interviewer is colleague: reads CV very carefully and asks questions on CV.
- Prepare answers to standard questions.
- Be there 12-15 min in advance. 5 min early is too short!

# Interview

- Tell something about the procedure
- Tell something about the company and interviewers
- Ask you

Common interview questions

# Interview

Opening question: tell us something about yourself.

- About one minute (I often failed...)
- Name, what you do, what you have to offer, what you are looking for, what attracts you to the job
- Show your personal brand
- Make the match!

# STAR technique

Describe:

- The **Situation** you were in;
- The **Task** or target you set out to achieve;
- The **Action** you took to bring this about;
- The **Results** or outcome of your actions.

# Questions I actually got

- Tell us something about yourself.
- If I would call one of your friends, what would he/she say about you?
- Where do you see yourself in ... years?
- Are you having other interviews?
- What are your salary requirements? Mention range. Use [www.intermediair.nl/salariskompas](http://www.intermediair.nl/salariskompas)
- Do you have any questions for us?

# Questions for them

- Possible development
- Start of job: mentor?
- How large are the groups you work with?
- Combine work/private life
- Contact with university, conferences?
- Work from home
- Meetings
- Working hours
- Male/female employees
- Are there many applicants?
- Laptop, phone, travel costs, holidays