

### Thomas Fischer

From: Hildesheim, Germany

Studies: Engineering Technology

#### Why did you choose Purdue?

I first came to Purdue as an exchange student while I was in my last semester as an undergraduate student. My advising professor told me about the opportunity to do my graduate studies in Purdue. Studying abroad changed my life and helped me to develop as a person.

#### What is your favorite fact about Purdue?

Purdue University is a well know institution with students and faculty from all around the world.

#### Please briefly describe your research:

I am working with a hybrid camera chip that can be used for making pictures as well as harvesting solar energy. This type of camera chip can be used to recharge the battery of a wireless device when the camera is not in use.

#### Name one to three words that best describes your work?

Embedded System, Testing, Troubleshooting.

#### Where do you spend most of your time on campus?

I spend the most time in the lab.

#### If you have free time, how do you choose to spend it?

I enjoy meeting my friends in the Karate Club.

#### Current mobile device/computer:

Nokia smartphone, old laptop.

#### What apps, software, or tools can't you live without?

Firefox.

#### What's your workspace setup like?

I use a desktop computer with a dual monitor setup. Breadboards and the Electronics Explorer Board from Digilent allow me to prototype and investigate electronic circuits while Matlab helps me with the calculations.

#### What's your best time-saving shortcut?

Get up early. It's that simple!

#### What's your favorite to-do list manager?

Pen and paper. It always works.

#### Besides your phone and computer, what gadget can't you live without?

Small key chain flashlight. Testing photo diodes or reading the captions on the PCB in the work bench becomes so much easier.

#### What do you listen to while you work?

Silence is golden.



#### What everyday thing are you better at than everyone else?

I am good at thinking a few steps in advance which is really handy in almost everything I do. I like to think about how things can be done in a better and more efficient way.

#### I'd love to see \_\_\_\_\_ answer these same questions.

The first man walking on Mars.

#### What are you currently reading, or what is the last thing you read (aside from academic reading)?

*Mud, Sweat and Tears* by Bear Grylls.

#### What's your sleep routine like?

Sleep early and get up early.

#### How do you recharge physically and/or mentally?

I enjoy to eat in one of the many restaurants in West Lafayette.

#### What's the best advice you've ever received?

Who Dares, Wins.

#### What is (are) your career goal(s)?

Working in an international environment.



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Purdue is centrally located in West Lafayette, Indiana - approximately two hours south of Chicago, Illinois and one hour north of Indianapolis, IN.

Questions? Email [gradinfo@purdue.edu](mailto:gradinfo@purdue.edu)

