

ADRIAN BAJRA

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PROFILE

MSc student in Vehicle Engineering at KTH, heading for the Road Vehicles track, and engineer on the KTH Formula Student suspension team, where I design and adapt suspension parts in CAD and then build them in the workshop. Alongside my studies I have run Bajras Barbershop since 2021, and coaching and playing football have given me clear leadership, strong teamwork and the calm to get a group to perform together, whether on the pitch or in the garage.

WORK EXPERIENCE

❖ KTH Formula Student – Mechanical Design Engineer

Suspension design

- Designed bellcranks in Solid Edge and NX, sizing them with load calculations, force analysis and basic FEA.
- Designed the control-arm inserts and adapted geometry and fits for manufacturing and assembly.
- Made parts on the mill and lathe and assembled the suspension in the workshop.
- Took part in testing and racing at Formula Student Switzerland 2026.
- Technical design and project communication within the team.

Jan 2025 – present
Stockholm

❖ Bajras Barbershop – Founder and barber

Own business

- Run my own barber business alongside school and university, responsible for clients, scheduling and quality.
- Cut the team's hair in the social area at FSCH 2026, earning KTH Formula Student the Master of Sidequesting award.

2021 – present
Stockholm

❖ Earlier jobs

- Hertz Sverige – Car rental, car care and customer service
- McDonald's – Cook and crew member
- Mleva Solutions – Disassembly and assembly of electronic equipment
- Orbotech – Internship, repair and maintenance of cleaning machines
- Tutoring – Maths, science and Spanish

PROJECTS

❖ Rusted exhaust manifold repair

Own project

- The flange at the cylinder head had rusted through and was leaking exhaust.
- Drew a new flange, cut it out on the waterjet and fitted it to the manifold so it could be reused.

Jun 2026

❖ Cars in my free time

Repair and tuning

- Engine work on an Audi TT 1.8T.
- Welded a complete new exhaust system after the exhaust pipe snapped.
- Repaired a brake hose and remounted the tyres on new wheels myself.

EDUCATION

❖ KTH Royal Institute of Technology

MSc in Vehicle Engineering, Road Vehicles track

- Ongoing MSc studies in Vehicle Engineering at KTH.
- Focused on sustainable technology development and advanced problem solving.
- Combining theoretical studies with practical projects.
- Developing strong technical and analytical skills.
- Engaged in interdisciplinary collaboration and innovation.

Aug 2024 – Jun 2029
Stockholm

❖ Rudbecks gymnasium

Natural Science programme

- Electives: Programming 1, Mathematics 5, English 7 and Spanish 4.

SKILLS

Solid Edge and Siemens NX

Mechanics and statics

Technical design

Waterjet cutting and welding

Project management

Problem solving

Basic FEA

Load calculations and force analysis

Milling and turning

Car repair and tuning

Project communication

Systems experience

SPORT AND LEADERSHIP

❖ Sollentuna FK

Played semi-professional football

❖ Rotebro IS

Was a volunteer football coach

- Coached the boys' team P08.
- Was a leader at the club's Football Summer Camp.

❖ Triathlon Sverige

Was an event official

LANGUAGES AND LICENCE

Swedish

Fluent

English

Fluent

Spanish

Basic

Driving licence

AM and B