

# Hannes Fahlin

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## Education

### Bachelor of Informatics, Computer Science.

Expected Graduation: June 2025

University of Skovde – Skovde, Sweden.

Courses: Basic programming with C++, The basics of computers

## Experience

### Söderberg & Partners – Stockholm, Sweden

December 2022 – March 2020

Software Engineering intern

- Developed backend products and RESTful APIs using Swagger, C# and ASP.NET Core for various inhouse fintech applications.
- Refactored legacy code and built new features to improve performance and functionality.
- Used Azure DevOps for version control, CI/CD pipelines and project management; participated in daily scrum meetings and sprint reviews with stakeholders.
- Collaborated with another intern to design and develop a new feature for an existing Microsoft Teams bot using C# and ASP.NET MVC that increased customer satisfaction by 20%."

## Projects

### Email Sender Application

March 2022

- Developed a command line application using Java and Spring Boot, that can send up to 5000 emails.
- Implemented JavaMailSender module to send email via the SMTP protocol.
- Configured to set up email server connection and send via Gmail.
- Released to GitHub, the program was used by 3 people.

### Personal website

September 2022 – Now

- Created to form a place to store information that could be useful. The website can save up to 10 minutes of time.

### Roulette Game

September 2022

- Coded a roulette game in C++ that can be played from the command line.
- The player is able to bet on two colors, or a number between 1 to 36.
- Predicted the players input and implemented defensive programming as a fail-safe, to ensure the player wasn't breaking the program.

### Slots Game

September 2022 – October 2022

- Developed a C++ program where the user plays a slot machine.
- Deployed the slots machine by generating a 2D array, and the output generated via a random-number-generator.
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Skills: English, Swedish, Java, JavaScript, C#, Git, HTML, CSS.